TOEROEK
ASSOCIATES, INC.

January 15, 2021

Mr. Bradley Roberts
Task Order Contracting Officer's Representative
U.S. Environmental Protection Agency, Region 7
11201 Renner Blvd.
Lenexa, Kansas 66219

Subject: Contract No. 68HERH19D0018; Task Order (TO) No. 68E0719F0190
WE Building, 3230-3232 Washington Boulevard, St. Louis, Missouri
Phase II Environmental Site Assessment (ESA)

Dear Mr. Roberts:

Toeroek Associates, Inc. (Toeroek) and our teaming subcontractor, Tetra Tech, Inc. (hereafter "Toeroek Team"), are pleased to present the Phase II Environmental Site Assessment (ESA) report regarding the WE Building site (the subject property) at 3230-3232 Washington Boulevard, St. Louis, Missouri. The Toeroek Team conducted the Phase II ESA based on the findings of the Phase I ESA performed at the subject property by SCS Engineers in October 2019. This deliverable has been reviewed internally as part of Tech Tech's quality assurance program, as well as Toeroek's quality assurance program, and is consistent with Toeroek's Quality Management Plan for the Resource Conservation and Recovery Act (RCRA) Enforcement and Permitting Assistance (REPA) contract. Documentation of this review is retained in the Toeroek Team's project files.

If you have any questions or comments, please contact Paul Kieler at 303-407-0266 or Kaitlyn Mitchell at 816-412-1742.

Sincerely,

Paul Kieler
Toeroek Team Program Manager

Kaitlyn Mitchell
Toeroek Team Project Manager

Enclosure: Phase II ESA

cc: Leeanna Balsley, EPA Region 7 (cover letter only)
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TARGETED BROWNFIELDS ASSESSMENT
PHASE II ENVIRONMENTAL SITE ASSESSMENT

WE BUILDING
3230-3232 WASHINGTON BOULEVARD, ST. LOUIS, MISSOURI

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 7

Task Order	:	68E0719F0190
Subtask	:	03.03.07
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Date Prepared	:	January 15, 2021
Contract No.	:	68HERH19D0018
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1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) tasked Toeroek Associates, Inc. (Toeroek) and its teaming subcontractor, Tetra Tech, Inc. (hereafter "Toeroek Team"), with providing technical support to the EPA Region 7 Brownfields Program under Contract 68HERH19D0018, Task Order (TO) 68E0719F0190. EPA Region 7 requested the Toeroek Team conduct a Phase II Environmental Site Assessment (ESA) as part of a Targeted Brownfields Assessment (TBA) of the WE Building site (the subject property) at 3230-3232 Washington Boulevard in St. Louis, Missouri (see Appendix A, Figure 1). The Toeroek Team performed this Phase II ESA based on results of the Phase I ESA conducted by SCS Engineers (SCS) in October 2019. According to the Brownfields Assessment Application (Missouri Department of Natural Resources [MDNR] 2019), the current property owner, Washington Tabernacle Missionary Baptist Church, is interested in redeveloping/remodeling the existing structure to include multiple uses such as classrooms and conference rooms to support the church body, and office and rental space, depending on findings from this Phase II ESA.

The scope of the Phase II ESA included a ground penetrating radar (GPR) survey and collection of subsurface soil and groundwater samples to confirm or eliminate recognized environmental conditions (RECs) identified during the previous Phase I ESA (SCS 2019). In addition, the Toeroek Team conducted a hazardous material survey, which has been submitted under separate cover.

This Phase II ESA report is consistent with ASTM International (ASTM) Standard E 1903-19 for Phase II ESAs, and otherwise complies with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (40 *Code of Federal Regulations* [CFR] Part 312).

1.1 PURPOSE

The purposes of this Phase II ESA were to (1) confirm or eliminate the RECs identified during the Phase I ESA, (2) acquire information regarding the nature of contamination (if present) and risks posed by that contamination that would support informed business decisions about the property, and (3) where applicable, satisfy the innocent purchaser defense under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

1.2 SPECIAL TERMS AND CONDITIONS

No special terms or conditions were identified during the Phase II ESA.

2.0 BACKGROUND AND SITE HISTORY

This section specifies the location of the subject property and its features, conveys the physical setting, recounts the history of the subject property, discusses land uses at the subject property and adjacent properties, and relates results of previous investigations.

2.1 SITE DESCRIPTION AND FEATURES

The subject property is located at 3230-3232 Washington Boulevard in St. Louis, St. Louis County, Missouri, and is depicted on the Clayton, Missouri, U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 1993) (see Appendix A, Figure 1). Coordinates at the approximate center of the subject property are 38.637383 degrees north latitude and 90.226038 degrees west longitude. The subject property is on a 0.3-acre parcel and is improved with a vacant, single-story warehouse building on slab (no basement) that encompasses the entire area of the parcel.

The subject property and surrounding properties have been developed since as early as 1909, and historically hosted primarily residential properties; however, by 1932, the surrounding area had become more commercial, with parcels to the south developed as commercial stores with machine shops. By 1932, the western portion of the subject property was a filling station, and the eastern portion was a residential duplex. North of Washington Boulevard was developed with a tire and filling station. Parcels to the west of the subject property remained residential, but with a warehouse farther west (SCS 2019). The current warehouse building was constructed by 1950, with the southern portion identified as a warehouse and garage. By 1990, several of the parcels to the north and south were vacant, and some structures to the south had been demolished (SCS 2019). By 2012, the western three-quarters of the 3200 block of Locust Street, south of the subject property, was vacant (SCS 2019).

2.2 PHYSICAL SETTING

The subject property lies within the central portion of St. Louis, Missouri. It is bounded to the north by Washington Boulevard, with a restaurant and brewery beyond; to the east by a parking lot and Washington Tabernacle Missionary Baptist Church, with North Compton Avenue beyond; to the south by a parking lot and grassy field, with Locust Street beyond; and to the west by North Leonard Avenue, with a parking lot and commercial building beyond. The subject property encompasses approximately 0.3 acre and hosts an approximately 26,230-square-foot, vacant, single-story warehouse building on slab (no basement) that encompasses the entire area of the subject property.

2.2.1 Geologic Setting

St. Louis lies within the gently rolling Central Lowland physiographic province. The sedimentary rocks beneath the region of the subject property consist primarily of the Mississippian rocks that crop out in a wide to narrow band extending from southwestern Missouri to just north of the Missouri River in central Missouri, and as a second, less extensive band in northeastern Missouri parallel to the Mississippi River. Mississippian strata are mostly limestone (commonly cherty) but include some beds of sandstone and shale (USGS 1997).

Soil at the subject property has been classified according to U.S. Department of Agriculture (USDA) Soil Conservation Services Web Soil Survey reviewed in September 2020. The soil consists of urban land, upland with 0 to 5 percent slopes. This soil type is found in hills in urban settings and is classified as not prime farmland (U.S. Department of Agriculture [USDA] 2020). During the Phase II ESA, soils observed during soil borings consisted primarily of clays and urban fill (see Section 3.2.2).

2.2.2 Hydrogeology

The surficial aquifer system of the region consists of unconsolidated sand and gravel, and is divided into three parts: stream-valley aquifers, the Mississippi River Valley alluvial aquifer, and glacial-drift aquifers. The subject property is in the area of stream-valley aquifers, which consist of narrow bands of fluvial and alluvial sediments that fill or partly fill the valleys of meandering to braided streams that have eroded shallow channels into glacial deposits, older unconsolidated alluvium, or bedrock. The unconsolidated sand and gravel deposits that comprise the stream-valley aquifers are thicker, more widespread, and more productive in the valleys of the larger rivers than those of smaller streams.

The stream-valley aquifers consist mostly of sand and gravel of Holocene age, but locally include sediments of Pleistocene age. Most water in the stream-valley aquifers is under unconfined, or water-table, conditions. The stream-valley aquifers are in direct hydraulic connection with adjacent streams, and water levels in the aquifers are thus closely related to river levels. Chemical quality of the water in the stream-valley aquifers is generally suitable for most uses. Typically, the water is hard and a calcium bicarbonate type (USGS 1997).

Groundwater is not currently used for drinking water at the subject property. The City of St. Louis derives its drinking water from two water treatment plants. The Howard Bend Plant draws water from the Missouri River. The Chain of Rocks Plant is on the Mississippi River, south of the confluence of the Missouri and Mississippi Rivers (City of St. Louis 2019). On August 1, 2005, the City of St. Louis

approved an ordinance prohibiting use or attempted use of groundwater as a potable water supply. On October 25, 2006, the City of St. Louis and MDNR entered into a memorandum of understanding (MOU). The existence of the MOU allows use of the city ordinance, by itself, to sever the future groundwater domestic use pathway for sites within the corporate limits of the City of St. Louis (MDNR 2006a).

The hydrologic gradient at the subject property is not known but may be inferred to be consistent with the topographic gradient, which extends primarily in the east-southeast direction. Groundwater depth and direction likely vary with seasonal changes, precipitation, and other unknown hydrogeologic features. Static water level measured on site was approximately 20-23 feet below ground surface (bgs), although very limited yield was reported via direct-push borings.

2.2.3 Hydrology

The subject property is generally flat; however, surface water likely flows to storm sewers or to the east-southeast toward the Mississippi River, which is approximately 2.4 miles east-southeast of the subject property.

2.2.4 Meteorology

The annual average rainfall in St. Louis, Missouri, is 38 inches. Average summer highs get to about 83 degrees Fahrenheit (°F). Average winter lows are around 24°F (National Weather Service 2021).

2.3 SITE HISTORY AND LAND USE

The SCS Engineers Phase I ESA report conveys the earliest information (1909-1941) available regarding the subject property, indicating its original development with row houses. By 1932, the subject property included a gas station with three underground storage tanks (UST) and a row house. The subject property was later developed with a car lot by 1940 and a chair warehouse by 1950. In 1977, the warehouse was developed into an auto parts warehouse, and was last listed as WE Warehouse Distributing in 2001 (SCS 2019).

2.4 ADJACENT PROPERTY USE

Surrounding properties have been developed since as early as 1909, and historically have hosted primarily residential properties; however, by 1932, the surrounding area had become more commercial, with parcels to the south developed with machine shops and a parcel to the north developed with a tire and filling

station. Parcels to the west remained residential, but with a warehouse farther west (SCS 2019). By 1990, several of the parcels to the north and south were vacant, and the row houses on one parcel to the south had been demolished (SCS 2019). By 2012, the western three-quarters of the 3200 block of Locust Street was vacant (SCS 2019).

The subject property lies within the central portion of St. Louis, Missouri. It is currently bounded to the north by Washington Boulevard, with a restaurant and brewery beyond; to the east by a parking lot and Washington Tabernacle Missionary Baptist Church, with North Compton Avenue beyond; to the south by a parking lot and grassy field, with Locust Street beyond; and to the west by North Leonard Avenue, with a parking lot and commercial building beyond.

2.5 SUMMARY OF PREVIOUS ASSESSMENTS

SCS identified the following RECs during a Phase I ESA at the subject property in October 2019 (SCS 2019):

- The status of the three USTs associated with the former use of the subject property as a gas station is unknown. No evidence indicates removal of the USTs from the subject property; therefore, possible presence of the USTs poses a threat of release to the environment.
- Based on historical use of the subject property as a gas station, the unknown status of the USTs poses potential for presence of petroleum contamination and therefore a potential vapor encroachment condition (PVEC) at the subject property.

The Phase I ESA report recommended an additional investigation to evaluate subsurface conditions at the subject property.

No other assessments are known to have occurred at the subject property.

3.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT ACTIVITIES

The following subsections describe the scope, field exploration, and methods implemented during this Phase II ESA. From September 15 through 17, 2020, Toeroek Team members Stephanie Caples and Ryan Slanczka supervised a GPR survey, conducted soil and groundwater sampling, and performed the hazardous materials surveys for asbestos-containing materials (ACM), lead-based paint (LBP), polychlorinated biphenyls (PCBs), and containerized hazardous waste (HW). The Toeroek Team submitted a hazardous materials report documenting findings of the ACM, LBP, PCBs, and HW surveys under separate cover. Photographs taken to document Phase II ESA field activities are in Appendix B. Phase II activities were documented in a site logbook; a copy is in Appendix C.

3.1 SCOPE OF THE ASSESSMENT

The Toeroek Team performed a GPR survey to locate USTs that may remain at the subject property, and conducted environmental sampling to determine if groundwater and subsurface soils had been contaminated by current and/or historical activities at the subject property. Sampling was consistent with the Quality Assurance Project Plan (QAPP) approved by EPA on August 19, 2020 (Toeroek 2020).

3.1.1 Sampling Plan

The proposed sampling scheme for this project incorporated a combination of biased/judgmental sampling with definitive laboratory analysis, in accordance with procedures included in the *Guidance for Performing Site Inspections Under CERCLA* (Office of Solid Waste and Emergency Response (OSWER) Directive #9345.1-05, September 1992). All samples were submitted for analysis to an off-site laboratory subcontracted by the Toeroek Team. Objectives of soil and groundwater sampling were to characterize possible releases to the environment. Figure 2 in Appendix A depicts sampling locations at the subject property. Sampling at the subject property occurred as follows:

- Eight subsurface soil samples and a duplicate were collected at six Geoprobe direct-push technology (DPT) boring locations; DPT-1 through DPT-6. From the soil core taken at each boring location, one soil sample was collected within a 1-foot interval at depth not exceeding 23 feet bgs. At DPT-4, two additional soil samples were collected to total three depth intervals at that location. One of these samples was collected as a duplicate pair (5-7 feet interval).
- Five groundwater samples were collected, one at each of the soil boring locations except for DPT-3, where groundwater was not encountered. One of these samples was collected as a duplicate pair.

3.1.2 Chemical Testing Plan

Laboratory analyses for chemical parameters were selected based on possibly present contaminants associated with current and historical uses of the subject property. All samples were submitted to Pace Analytical (Pace) of Lenexa, Kansas, for analyses for the following parameters: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH) – gasoline-range organics (GRO), TPH – diesel-range organics (DRO), TPH – oil-range organics (ORO), and RCRA metals (including mercury).

3.1.3 Deviations from the QAPP

The following deviations from the QAPP occurred during Phase II ESA activities:

- The sampling locations were selected in the field based on accessibility on the interior and exterior of the building. The interior of the building was cluttered with stored items, solid waste, and a vehicle, which limited the number of samples that could be located within the building.
- The Toeroek Team collected five groundwater samples instead of six. Groundwater at DPT-3 was not encountered before geologic refusal.
- The QAPP specified collection of an equipment rinsate sample to evaluate effectiveness of the decontamination procedures for DPT sampling equipment. This equipment rinsate sample was to be analyzed for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). A rinsate sample was collected but was only analyzed for VOCs. Due to an error made in the field, not enough volume was collected for all analyses. Therefore, some proportion of the detected compounds other than VOCs could be derived from cross-contamination from other samples. If so, the results would be biased high.
- The QAPP specified collection of a field blank sample to detect field-introduced and laboratory-introduced contamination. The field blank was to be analyzed for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). A field blank sample was collected but was only analyzed for VOCs. Due to an error made in the field, not enough volume was collected for all analyses. Therefore, some proportion of the detected compounds may be derived from ambient environmental sources. If so, the results would be biased high.

3.2 FIELD EXPLORATION AND METHODS

Field activities at the subject property occurred on September 16, 2020. Samples were submitted to Pace in Lenexa, Kansas, on September 16, 2020. The following sections summarize field activities including soil and groundwater sample collections. Sampling locations are depicted on Figure 2 in Appendix A.

3.2.1 GPR Survey

The Toeroek Team subcontractor, Ground Penetrating Radar Systems, LLC (GPRS) conducted an integrated geophysical survey by use of multi-phase GPR. A GPR antenna and an electromagnetic pipe and cable locator were utilized for the survey of underground conditions. Approximately 13,000 square feet were surveyed to an effective depth of approximately 3 feet. Active and passive methods were applied to locate possibly present USTs within the designated scan areas. A copy of the GPR survey report is in Appendix D.

3.2.2 Soil Sampling

At each of six select soil boring locations, one subsurface soil sample was collected during Phase II activities to investigate present contamination from historical and current activities at the subject property (see Appendix A, Figure 2). Due to the detections of staining and petroleum odor, two additional samples were collected at DPT-4. Surface soil samples were not collected because the entire ground surface at the subject property was concrete and asphalt, preventing sampling and limiting any completed exposure pathways with surface soil.

Sampling proceeded by use of a Geoprobe DPT rig. Soil cores were collected with Geoprobe 5-foot-long, Macro-Core samplers with disposable polyvinyl chloride (PVC) liners. Soil borings were to be advanced to maximum depth of 30 feet, or to groundwater, whichever came first. Six soil borings, DPT-1 through DPT-6, were advanced to depths ranging from 20 to 25 feet bgs before encountering equipment refusal from foundation material, rubble, or bedrock. Soil borings were screened by use of a hand-held photoionization detector (PID) for presence of elevated concentrations of VOCs. Except at DPT-4, as noted above, none of the remaining borings exhibited observable staining, emitted odor, or induced elevated PID readings. Soil samples were collected near the capillary fringe of all borings (19-23 feet bgs). Boring logs are in Appendix C.

Soil samples for VOCs and TPH-GRO analyses (to be analyzed via SW-846 Method 5035/8260) were collected according to EPA Method 5035, which includes collecting approximately 5 grams of soil into three 40-milliliter (mL) vials directly from the undisturbed core by use of a disposable volatile organic analysis (VOA) plunger. Two vials were preserved with sodium bisulfate and one vial was preserved with methanol. Remaining soil from each sample interval was homogenized and placed into one 8-ounce jar. Samples were analyzed for SVOCs (via SW-846 Method 8270), PCBs (via SW-846 Method 8082), TPH-

DRO (via SW-846 Method 8270), TPH-ORO (via SW-846 Method 8270), and RCRA metals (via SW-846 Method 6020 and Method 7470).

Following collection of each sample, the sampling location (i.e., global positioning system [GPS] coordinates) was recorded in the subject property logbook. Table 1 below summarizes soil samples collected during this Phase II ESA.

TABLE 1

SOIL SAMPLE SUMMARY
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Boring ID	Sample ID(s)	Depth Interval (ft bgs)	Latitude (°N)	Longitude (°W)	Analyses Performed
DPT-1	DPT-1-SO-(20-21)	20 - 21	38.637380	90.226209	VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA Metals (including mercury)
DPT-2	DPT-2-SO-(22-23)	22 - 23	38.637301	90.226180	
DPT-3	DPT-3-SO-(21-22)	21 - 22	38.637168	90.226083	
DPT-4	DPT-4-SO-(5-7)	5 - 7	38.637153	90.225986	
	DPT-4-SO-(5-7)-FD	5 - 7			
	DPT-4-SO-(11-12)	11 - 12			
	DPT-4-SO-(20-21)	20 - 21			
DPT-5	DPT-5-SO-(19-20)	19 - 20	38.637327	90.225839	
DPT-6	DPT-6-SO-(20-21)	20 - 21	38.637522	90.225915	

Notes:

DPT	Direct-push technology	PCB	Polychlorinated biphenyl
DRO	Diesel-range organics	RCRA	Resource Conservation and Recovery Act
FD	Field duplicate	SO	Soil
ft bgs	Feet below ground surface	SVOC	Semi-volatile organic compound
GRO	Gasoline-range organics	TPH	Total petroleum hydrocarbons
ORO	Oil-range organics	VOC	Volatile organic compound

3.2.3 Groundwater Sampling

The Toeroek Team was to collect six groundwater samples at locations collocated with the six soil samples; however, groundwater was not encountered at DPT-3 before refusal. Five groundwater samples were collected at DPT-1, DPT-2, DPT-4, DPT-5, and DPT-6 (with one field duplicate at DPT-1). Groundwater was encountered at approximately 20-23 feet bgs.

Samples were collected by use of a Geoprobe Screen Point 16 sampling apparatus containing a reusable, 4-foot-long, stainless steel screen. After deployment of the screen at the bottom of the boring, about one gallon of water was purged through disposable polyethylene tubing by use of a check valve placed at the bottom of the tubing. Samples for low-level VOCs analysis (including TPH-GRO) via SW-846 Method 8260 were collected into five 40-mL vials preserved with hydrochloric acid (HCl). Samples for

SVOCs, PCBs, TPH-DRO, and TPH-ORO analyses (via SW-846 Method 8270 and Method 8082) were collected in six unpreserved 1-liter (L) amber glass bottles. Samples for RCRA metals analysis (via SW-846 Method 6020 and Method 7470) were collected in two 250-mL containers (one for total metals analysis and one for dissolved metals analysis) and preserved with nitric acid (HNO_3) to a pH less than 2. Samples for dissolved metals analysis were filtered in the field through a 0.45-micrometer filter.

Following collection of each sample, the sampling location (i.e., GPS coordinates) was recorded in the subject property logbook. Table 2 below summarizes groundwater samples collected during this Phase II ESA.

TABLE 2

GROUNDWATER SAMPLE SUMMARY
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Boring ID	Sample ID(s)	Static Water Level (ft bgs)	Latitude(°N)	Longitude(°W)	Analyses Performed
DPT-1	DPT-1-GW-(20-25)	20 - 25	38.637380	90.226209	VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA Metals (including mercury)
	DPT-1-GW-(20-25)-FD				
DPT-2	DPT-2-GW-(18-23)	18 - 23	38.637301	90.226180	
DPT-4	DPT-4-GW-(16-21)	16 - 21	38.637153	90.225986	
DPT-5	DPT-5-GW-(15-20)	15 - 20	38.637327	90.225839	
DPT-6	DPT-6-GW-(14-21)	19 - 24	38.637522	90.225915	

Notes:

DPT	Direct-push technology	ORO	Oil-range organics
DRO	Diesel-range organics	PCB	Polychlorinated biphenyl
FD	Field duplicate	RCRA	Resource Conservation and Recovery Act
ft bgs	Feet below ground surface	SVOC	Semi-volatile organic compound
GRO	Gasoline-range organics	TPH	Total petroleum hydrocarbons
GW	Groundwater	VOC	Volatile organic compound

3.2.4 Quality Control Sampling

Field quality control (QC) sampling for this investigation included five laboratory-supplied aqueous trip blanks (one included with the soil samples and four included with the groundwater samples), one field blank, one equipment rinsate sample, one soil field duplicate, and one groundwater field duplicate. The trip blanks were analyzed by Pace for VOCs. The QAPP specified collection of a field blank sample to detect field-introduced and laboratory-introduced contamination. The field blank and the equipment rinsate samples were to be analyzed for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). The field blank and equipment rinsate samples were collected, but were only analyzed for VOCs. Analytical data from the trip blank were referenced to determine whether contamination had been introduced during transportation of containers and samples.

Analytical data from the field blank were used to evaluate contamination of sampling containers or sample preservatives, and to assess contamination potentially introduced during sampling and laboratory procedures. Analytical data from the equipment rinsate sample were used to determine whether decontamination of equipment after sampling had been effective, and whether cross-contamination had occurred.

One soil duplicate and one groundwater field duplicate were collected to determine total method precision. Analytical results from field duplicate samples were used to calculate the relative percent difference (RPD) between each set of duplicate pair results for each reported analyte. The RPDs were used for informational purposes only; however, the higher concentration of each analyte in each duplicate sample pair will be used at the discretion of the EPA Project Manager. Analytical accuracy will be determined via analysis of laboratory-prepared spikes and duplicates. Calculated RPDs are included in the applicable data validation reports in Appendix D.

4.0 EVALUATION AND PRESENTATION OF RESULTS

The following sections present results from the GPR survey and analytical data from soil and groundwater samples collected during the Phase II ESA. Soil sample results from this ESA were compared to EPA Regional Screening Levels (RSLs) for residential and industrial exposure using a target hazard quotient of 0.1 (EPA 2020), Missouri Risk-based Corrective Action (MRBCA) Lowest Default Target Levels (LDTLs) and Tier 1 Risk-based Target Levels (RBTLs) for Type 3 (clayey) residential subsurface soils (MDNR 2006b). LDTLs are the lowest regulatory threshold for any use or exposure route, including ingestion, and assuming any soil type. The Tier 1 RBTLs are based on actual land use and site features, such as clay soils, that might reduce exposure risk, as from migration of organic vapors in soil. Metals results from soil samples were also compared to county average background concentrations to determine if detected metals are naturally occurring in the county (USGS 2020). If the concentration of a metal detected in a sample was less than or equal to the average background concentration (within the 1 standard deviation margin of error), it is considered to be naturally occurring. Analytical results from groundwater samples were compared to EPA Maximum Contaminant Levels (MCLs) and to MRBCA LDTLs and Tier I RBTLs.

A copy of the GPR report is in Appendix D, and analytical data packages and a copy of the data validation report are in Appendix E.

4.1 GPR SURVEY

The Toeroek Team subcontractor, GPRS, conducted an integrated geophysical survey using multi-phase GPR. A GPR antenna and an electromagnetic pipe and cable locator were utilized for the survey of underground conditions. Approximately 13,000 square feet were surveyed to an effective depth of approximately 3 feet. Active and passive methods were applied to locate possibly present USTs within the designated scan areas.

GPRS marked one area on the subject property at the south side of the building as a location of a possibly present UST (approximately 5 feet wide by 8 feet long of disturbed soil, approximately 3 feet deep). An iron pipe leads from this location to the building. The area is currently covered with a layer of concrete. A copy of the GPR survey report is in Appendix D.

4.2 SUBSURFACE SOIL SAMPLES

Eight subsurface soil samples were collected at six locations to assess impacts on soil from historical and current site activities. Soil samples were submitted to Pace for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA metals including mercury analyses.

VOCs

The laboratory detected acetone, a common laboratory contaminant, in DPT subsurface soil samples DPT-2-SO-(22-23) and the duplicate pair DPT-4-SO-(5-7) and DPT-4-SO-(5-7)-FD, with no detected concentrations exceeding a regulatory benchmark. Several other VOCs were detected in the duplicate pair DPT-4-SO-(5-7) and in sample DPT-4-SO-(11-12). Of these VOC detections, only two exceeded a regulatory benchmark. Sample DPT-4-SO-(5-7) had a detection of naphthalene that exceeded the MRBCA LDTL and the EPA residential and industrial RSLs. No VOCs were detected at concentrations exceeding applicable residential RBTLs. The LDTLs for VOCs in soil are based on protection of groundwater as a drinking water source. The RBTLs for subsurface soil are based on the risk from migration of organic vapors. Table 3 lists all VOC detections in subsurface soil.

TABLE 3

DETECTED VOC RESULTS FROM SUBSURFACE SOIL SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Sample Location	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Benzene	Naphthalene	Styrene	Toluene	Xylene (Total)
	MRBCA LDTL							
	3,930	**882**	**4,200**	**56.1**	**325**	**11,700**	**29,800**	**24,700**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)							
	46,400	**7,140**	**14,300,000**	**1,430**	**84,500**	**39,200,000**	**17,200,000**	**82,500**
	EPA RSL (Residential Soil)							
	30,000	**27,000**	**6,100,000**	**1,200**	**2,000**	**600,000**	**490,000**	**58,000**
	EPA RSL (Industrial Soil)							
	180,000	**150,000**	**67,000,000**	**5,100**	**8,600**	**3,500,000**	**4,700,000**	**250,000**
DPT-2-SO-(22-23)	<4.2	<4.2	18.9	<4.2	<8.3	<4.2	<4.2	<4.2
DPT-4-SO-(5-7)	12.4	5.0	39.7	9.5	***74,500***	<4.2	7.4	12.9
DPT-4-SO-(5-7) duplicate[1]	<4.2	<4.2	21.2	<4.2	14.4	<4.2	<4.2	<4.2
DPT-4-SO-(11-12)	1,750	<4.2	<16.7	<4.2	<8.3	*56,000*	<4.2	1,290

Notes:

[1]Soil samples are a heterogeneous medium and frequently have large RPDs.

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL.
Bold font indicates the concentration exceeds the EPA residential and industrial soil RSLs.

<	Less than
DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
ND	Not detected
RBTL	Risk-based Target Level
RPD	Relative percent difference
RSL	Regional screening level
SO	Soil

SVOCs

Several SVOCs were detected in the soil sample pair DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12). Concentrations of 2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene exceeded MRBCA LDTLs in soil sample DPT-4-SO-(5-7). With the exception of phenanthrene these concentrations also exceeded the EPA residential soil RSL and also exceeded the EPA industrial soil RSL with the exception of 2-methylnaphthalene, dibenzofuran, and phenanthrene. Furthermore, in this sample, the concentration of benzo(k)fluoranthene exceeded the residential soil RSL. Benzo(a)pyrene exceeded both the LDTL and the residential soil RSL and naphthalene exceeded the LDTL in the duplicate sample as well. Concentrations in the sample were often much higher than in the duplicate sample. The higher results are assumed to accurately represent site conditions. Homogeneity in duplicate soil sample pairs is difficult to achieve in clayey soils, which can explain the relative analytical result differences between the duplicate pair. Benzo(a)pyrene was detected in soil sample DPT-4-SO-(11-12) at a level exceeding the MRBCA LDTL and benzo(b)fluoranthene exceeded the residential soil RSL. No SVOCs were detected at concentrations exceeding applicable residential RBTLs. The LDTLs for SVOCs in soil are based on protection of groundwater as a drinking water source. The RBTLs for subsurface soil are based on the risk from migration of organic vapors. Table 4 lists all SVOC detections in subsurface soil.

TABLE 4

DETECTED SVOC RESULTS FROM SUBSURFACE SOIL SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Sample Location	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
	MRBCA LDTL								
	7,550	**174,000**	**175,000**	**3,060,000**	**6,120**	**620**	**6,190**	**1,720,000**	**62,000**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)								
	2,030,000	**213,000,000**	**267,000,000**	**1,260,000,000**	**440,000,000**	**178,000,000**	**173,000,000**	**155,000,000,000**	**3,800,000,000**
	EPA RSL (Residential Soil)								
	24,000	**360,000**	**NE**	**1,800,000**	**1,100**	**110**	**1,100**	**NE**	**11,000**
	EPA RSL (Industrial Soil)								
	300,000	**4,500,000**	**NE**	**23,000,000**	**21,000**	**2,100**	**21,000**	**NE**	**210,000**
DPT-4-SO-(5-7)	***40,600***	36,200 J	25,000 J	102,000	***115,000***	***84,600***	***106,000***	31,400 J	**39,000 J**
DPT-4-SO-(5-7) duplicate[1]	706	410	<404	748	908	***659***	782	<404	<404
DPT-4-SO-(11-12)	<404	<404	<404	<404	1,070 J	***987 J***	**1,820 J**	<404	<404

Sample Location	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
	MRBCA LDTL								
	599,000	**620**	**6,560**	**2,280,000**	**211,000**	**3,770**	**325**	**158,000**	**1,500,000**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)								
	595,000,000	**1,420,000,000**	**4,000,000**	**23,800,000,000**	**753,000,000**	**9,630,000,000**	**84,500**	**313,000,000**	**24,500,000,000**
	EPA RSL (Residential Soil)								
	110,000	**110**	**7,800**	**240,000**	**240,000**	**1,100**	**2,000**	**NE**	**180,000**
	EPA RSL (Industrial Soil)								
	2,100,000	**2,100**	**120,000**	**3,000,000**	**3,000,000**	**21,000**	**8,600**	**NE**	**2,300,000**
DPT-4-SO-(5-7)	90,100	***12,500 J***	***54,300***	226,000	71,000	***34,300 J***	***65,300***	*302,000*	175,000
DPT-4-SO-(5-7) duplicate[1]	691	<404	630	1,830	655	<404	*1,990*	2,540	1,560
DPT-4-SO-(11-12)	1,130 J	<404	<404	2,570 J	<404	<404	<404	1,710 J	2,250 J

Notes:

[1] Soil samples are a heterogeneous medium and frequently have large RPDs.

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL.
Bold font indicates the concentration exceeds the EPA residential soil RSL.
Gold highlight indicates the concentration exceeds the EPA industrial soil RSL.

<	Less than
DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
J	Estimated value
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
ND	Not detected
NE	Not established
RBTL	Risk-based Target Level
RPD	Relative percent difference
RSL	Regional screening level
SO	Soil

PCBs

No PCBs were detected in soil samples at concentrations above laboratory reporting limits.

TPH

TPH-DRO, TPH-GRO, and TPH-ORO were detected in the soil sample pair DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12). Concentrations of TPH-DRO exceeded the EPA residential and industrial RSLs in all three of these samples and the detection of TPH-GRO in sample DPT-4-SO-(11-12) also exceeded both RSLs. TPH-ORO concentrations exceeded the residential RSL in all three samples, and were also above the industrial RSL in the duplicate sample DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12). Table 5 lists all TPH detections in subsurface soil.

TABLE 5

DETECTED TPH RESULTS FROM SUBSURFACE SOIL SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Sample Location	TPH-DRO	TPH-GRO	TPH-ORO
	MRBCA LDTL		
	4,150	385	124,000
	EPA RSL (Residential Soil)		
	9.7	8.2	240
	EPA RSL (Industrial Soil)		
	56	42	3,000
DPT-4-SO-(5-7)	**745**	<0.42	**1,710**
DPT-4-SO-(5-7) duplicate[1]	**132 J**	<0.42	**211 J**
DPT-4-SO-(11-12)	**237**	**101**	**114**

Notes:

[1] Soil samples are a heterogeneous medium and frequently have large RPDs.

All values are in milligrams per kilogram.
Bold font indicates the concentration exceeds the EPA residential soil RSL.
Gold highlight indicates the concentration exceeds the EPA industrial soil RSL.

<	Less than
DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
DRO	Diesel-range organics
GRO	Gasoline-range organics
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
ND	Not detected
ORO	Oil-range organics
RPD	Relative percent difference
RSL	Regional screening level
SO	Soil
TPH	Total petroleum hydrocarbons

Metals

Metals were detected in all subsurface soil samples. Arsenic and lead were detected at levels exceeding MRBCA LDTLs in all samples. Of these exceedances, all exceed the EPA residential and industrial RSLs and, but only lead in sample DPT-4-SO-(11-12) exceeded its average concentration in St. Louis County. No metals were detected at concentrations exceeding applicable residential RBTLs. The LDTLs for metals in soil are based on protection of groundwater as a drinking water source (lead) and on direct dermal contact (arsenic). The RBTLs for subsurface soil are based on the risk from migration of organic vapors. The residential RBTL for arsenic for clayey surface soil, based on direct dermal contact, is 45 mg/kg. The observed concentrations of arsenic were also below this regulatory threshold. Table 6 lists metals detections in subsurface soil, and exceedances are bolded, italicized, or highlighted.

TABLE 6

**DETECTED METALS RESULTS FROM SUBSURFACE SOIL SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI**

Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury
	MRBCA LDTL					
	3.89	**2,040**	**9.31**	**74,600**	**3.74**	**16.2**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)					
	NE	**NE**	**NE**	**NE**	**260**	**7.11**
	USGS St. Louis County Average (USGS 2020)					
	10.561	**NE**	**NE**	**NE**	**40.95**	**0.028**
	EPA RSL (Residential Soil)					
	0.68	**1,500**	**7.1**	**NE**	**400**	**1.1**
	EPA RSL (Industrial Soil)					
	3	**22,000**	**98**	**NE**	**800**	**4.6**
DPT-1-SO-(20-21)	***5.9***	133	<0.52	32.5	*10*	**0.058**
DPT-2-SO-(22-23)	***7.1***	154	0.54	35.3	*9.5*	**<0.055**
DPT-3-SO-(21-22)	***9.4***	74.5	0.99	51.5	*9.2*	**<0.055**
DPT-4-SO-(5-7)	***10.5***	222	<0.52	19.6	*12.8*	**<0.055**
DPT-4-SO-(5-7) duplicate	***9.6***	484	<0.52	21.1	*29.9*	**<0.055**
DPT-4-SO-(11-12)	**3.4**	66	<0.52	8.3	***175***	**0.15**
DPT-4-SO-(20-21)	***5.9***	88	<0.52	25.9	*8.6*	**<0.055**
DPT-5-SO-(19-20)	***6.4***	140	0.64	33.9	*10.4*	**<0.055**
DPT-6-SO-(20-21)	***9.9***	126	0.79	42.8	*10.1*	**<0.055**

Notes:

All values are in milligrams per kilogram.
Italic font indicates the concentration exceeds the LDTL. Bold font indicates the concentration exceeds the county average concentration.
Gold highlight indicates the concentration exceeds the EPA residential and industrial RSLs.

< Less than

DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
MRBCA	Missouri Risk-based Corrective Action
LDTL	Lowest Default Target Level
ND	Not detected
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional screening level
SO	Soil
USGS	U.S. Geological Survey

4.3 GROUNDWATER SAMPLES

Five groundwater samples were collected at five locations (DPT-1, DPT-2, DPT-4, DPT-5, and DPT-6) to assess impacts on groundwater from historical activities at the subject property. Groundwater samples were submitted to Pace for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals including mercury analyses. Analytical data were compared to MCLs, MRBCA LDTLs, and Tier I RBTLs.

VOCs

The laboratory detected acetone, a common laboratory contaminant, in the duplicate groundwater sample DPT-1-GW-(20-25) and groundwater sample DPT-4-GW-(16-21), with no detected concentrations exceeding a regulatory benchmark. Several other VOCs were detected in these two samples. Styrene was detected in sample DPT-4-GW-(16-21) at a concentration exceeding the MRBCA LDTL and EPA MCL. No VOCs were detected at concentrations exceeding residential RBTLs. The LDTLs for VOCs in groundwater are based on use of groundwater as a drinking water source. Because groundwater is not currently used as a drinking water source in St. Louis (see Section 2.2.2), the RBTLs used for groundwater for VOCs are based on the risk from migration of organic vapors. Table 7 lists all VOC detections in groundwater.

TABLE 7

DETECTED VOC RESULTS FROM GROUNDWATER SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Sample Location	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Ethylbenzene	Styrene	Xylene (Total)
	MRBCA LDTL					
	7	**7**	**2,970**	**700**	**100**	**10,000**
	MRBCA RBTL (Residential Land Use Soil Type Clayey)					
	2,200	**1,550**	**101,000,000**	**292,000**	**851,000**	**33,500**
	EPA MCL					
	NE	**NE**	**NE**	**700**	**100**	**10,000**
DPT-1-GW-(20-25) duplicate	<1.0	<1.0	11.3	<1.0	<1.0	<3.0
DPT-4-GW-(16-21)	6.5	1.3	15.9	32.6	***227***	10.1

Notes:

All values are in micrograms per liter.
Italic font indicates the concentration exceeds the LDTL.
Bold font indicates the concentration exceeds the EPA MCL.

<	Less than
DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
GW	Groundwater
LDTL	Lowest Default Target Level
MCL	Maximum contaminant level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based Target Level

SVOCs

The common laboratory contaminant bis(2-ethylhexyl)phthalate was detected in groundwater sample DPT-4-GW-(16-21) at 24.4 micrograms per liter (µg/L), exceeding the MRBCA LDTL and EPA MCL of 6 µg/L (based on drinking water). However, groundwater is not currently used as a drinking water source in St. Louis (see Section 2.2.2). The concentration of bis(2-ethylhexyl)phthalate was below the MRBCA residential RBTL of 24,900,000 µg/L, which is based on vapor inhalation. No other SVOCs were detected in groundwater samples at concentrations above laboratory reporting limits.

PCBs

No PCBs were detected in groundwater samples at concentrations above laboratory reporting limits.

TPH

TPH-GRO was detected in groundwater sample DPT-4-GW-(16-21) at 937 µg/L, far below the MRBCA LDTL of 18,100 µg/L. No other TPH was detected in groundwater samples at concentrations above laboratory reporting limits.

Metals

Several metals were detected in all DPT groundwater samples. Results from total metals analysis indicated levels of naturally occurring arsenic, barium, cadmium, chromium, lead, and mercury exceeded regulatory benchmarks. The concentrations of metals in the unfiltered (total) metals samples were much higher than those in the filtered (dissolved) metals samples, suggesting the bulk of the metals detected in the total metals samples were from suspended sediment within the sample.

Results from the dissolved metals analysis indicated concentrations of dissolved arsenic in DPT-2-GW-(18-23) exceeded the 10 µg/L LDTL and MCL. Except for a few detections of arsenic and selenium, metals concentrations in samples analyzed for dissolved metals were generally lower than counterpart metals concentrations in the samples analyzed for total metals. No concentration of a metal in the sample analyzed for dissolved metals exceeded a residential RBTL. The LDTLs for metals in groundwater are based on drinking water except for the LDTL for mercury, which is based on inhalation. Because groundwater is not currently used as a drinking water source in St. Louis (see Section 2.2.2), the RBTLs used for metals in groundwater are based on the risk from dermal contact or inhalation (mercury only). Table 8 lists all metals detections in groundwater.

TABLE 8

DETECTED METALS RESULTS FROM GROUNDWATER SAMPLES
WE BUILDING SITE, ST. LOUIS, ST. LOUIS COUNTY, MISSOURI

Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
	EPA MCL							
	10	**200**	**5**	**100**	**15**	**2**	**50**	**NE**
	MRBCA LDTL							
	10	**200**	**5**	**100***	**15**	**50.7****	**50**	**78.1**
	MRBCA RBTL (Residential Land Use Soil Type Clayey)							
	158	**1,120,000**	**625**	**8,380,000***	**NA**	**145****	**27,900**	**46,600**
	MRBCA RBTL (Non-Residential Land Use Soil Type Clayey)							
	578	**5,190,000**	**2,280**	**46,500,000***	**NA**	**1,160****	**155,000**	**258,000**
Total Metals								
DPT-1-GW-(20-25)	*222*	*5,320*	*14.9*	*401*	*3,300*	*106*	<15.0	14.1
DPT-1-GW-(20-25) duplicate	*136*	*3,010*	*9.6*	*316*	*1,910*	48.8	<15.0	7.0
DPT-2-GW-(18-23)	<10.0	*2,930*	<5.0	*333*	*281*	0.49	<15.0	<7.0
DPT-4-GW-(16-21)	*85.0*	*1,760*	*8.3*	*382*	*440*	1.5	30.8	<7.0
DPT-5-GW-(15-20)	*131*	*6,150*	<5.0	*797*	*1,610*	*8.3*	<15.0	<7.0
DPT-6-GW-(19-24)	***179***	*5,260*	<5.0	*784*	*982*	*3.0*	<15.0	<7.0
Dissolved Metals								
DPT-1-GW-(20-25)	<10.0	119	<5.0	<10.0	<10.0	<4.0	27.4	<7.0
DPT-1-GW-(20-25) duplicate	<10.0	140	<5.0	<10.0	<10.0	<4.0	30.4	<7.0
DPT-2-GW-(18-23)	*11.8*	151	<5.0	<10.0	<10.0	<4.0	<15.0	<7.0
DPT-4-GW-(16-21)	<10.0	26.2	<5.0	13.4	<10.0	<4.0	<15.0	<7.0
DPT-5-GW-(15-20)	<10.0	68.4	<5.0	<10.0	<10.0	<4.0	<15.0	<7.0
DPT-6-GW-(19-24)	<10.0	77.8	<5.0	<10.0	<10.0	<4.0	<15.0	<7.0

Notes:

All values are in micrograms per liter.
Italic font indicates the concentration exceeds the LDTL. Gold highlight indicates the concentration exceeds the EPA MCL. Bold font indicates that the concentration exceeds the residential RBTL.

*	Target Level based on total chromium.
**	Target Level based on inhalation.
<	Less than
DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
GW	Groundwater
LDTL	Lowest Default Target Level
MCL	Maximum Contaminant Level
MRBCA	Missouri Risk-based Corrective Action
NA	Not available
ND	Not detected
RBTL	Risk-based Target Level

4.4 QUALITY CONTROL SAMPLES

Five trip blanks were included in the Phase II ESA to determine whether contamination had been introduced during transportation of containers and samples. One field blank was collected to evaluate contamination of sampling containers and/or preservatives, and to assess contamination potentially introduced during sampling and laboratory procedures. One equipment rinsate sample was collected to assess procedures used to decontaminate DPT groundwater sampling equipment. The trip blanks, the equipment rinsate sample, and the field blank were analyzed for VOCs. Due to an error in the field, not enough volume was collected for the originally anticipated analyses. No VOCs were detected in any sample.

One duplicate soil and one duplicate groundwater sample were collected to determine total method precision. The calculated RPD was found to be high between the soil sample duplicate pair, especially with the SVOC analyses. Concentrations in the sample were often much higher than in the duplicate sample. The higher results are assumed to accurately represent site conditions. Homogeneity in duplicate soil sample pairs is difficult to achieve in clayey soils which can explain the relative analytical result differences between the duplicate pair. The RPDs were used for informational purposes only; however, the higher concentration of each analyte in each duplicate sample pair will be used at the discretion of the EPA Project Manager. Calculated RPDs are included in the applicable data validation reports in Appendix D.

5.0 DISCUSSION OF SIGNIFICANT FINDINGS AND CONCLUSIONS

This section summarizes significant findings and offers conclusions regarding Phase II ESA field activities. A property profile form pertaining to the subject property is in Appendix F.

5.1 GPR SURVEY

One area of localized fill material underlying a concrete slab on the subject property was found and marked by the Toeroek Team subcontractor, GPRS. The area is located at the south side of the building, encompassing an approximate area that is 5 feet wide by 8 feet long, and 3 feet deep. An iron pipe leads from this area to the building. GPR equipment identifies anomalies below the ground surface, which can include building foundations, building debris, piping, tanks, or any other object buried beneath the ground. Based on the size of the anomaly in this area and the pipe leading from the building, a UST may be or may have been present. Additionally, the soil samples collected on either side of the potential UST (DPT-3 and DPT-4) had several VOC and SVOC detections. Further investigation and excavation would be required to determine the presence of a UST. A copy of the GPR survey report is in Appendix D.

5.2 SUBSURFACE SOIL

The laboratory detected acetone, a common laboratory contaminant, in subsurface soil samples DPT-2-SO-(22-23) and the duplicate pair DPT-4-SO-(5-7) and DPT-4-SO-(5-7)-FD, with no detected concentrations exceeding regulatory benchmarks. Several other VOCs were detected in the duplicate pair DPT-4-SO-(5-7) and in sample DPT-4-SO-(11-12). Of these VOCs detected, only two exceeded regulatory benchmarks. Sample DPT-4-SO-(5-7) had a detection of naphthalene that exceeded the MRBCA LDTL and the EPA residential and industrial RSLs. Styrene in sample DPT-4-SO-(11-12) was detected at a concentration exceeding MRBCA LDTL. No VOCs were detected at concentrations exceeding applicable residential RBTLs.

Several SVOCs were detected in the soil sample pair DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12). Concentrations of 2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene exceeded MRBCA LDTLs in soil sample DPT-4-SO-(5-7). With the exception of phenanthrene these concentrations also exceeded the EPA residential soil RSL and also exceeded the EPA industrial soil RSL with the exception of 2-methylnaphthalene, dibenzofuran, and phenanthrene. Furthermore, in this sample, the concentration of benzo(k)fluoranthene exceeded the residential soil RSL. Benzo(a)pyrene exceeded both the LDTL and the residential soil RSL and naphthalene exceeded the LDTL in the duplicate sample as well.

Benzo(a)pyrene was detected in soil sample DPT-4-SO-(11-12) at a level exceeding the MRBCA LDTL and benzo(b)fluoranthene exceeded the residential soil RSL. No SVOCs were detected at concentrations exceeding applicable residential RBTLs.

No PCBs were detected in soil samples at concentrations above laboratory reporting limits. TPH-DRO, TPH-GRO, and TPH-ORO were detected in the soil sample pair DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12). Concentrations of TPH-DRO exceeded the EPA residential and industrial RSLs in all three of these samples and the detection of TPH-GRO in sample DPT-4-SO-(11-12) also exceeded both RSLs. TPH-ORO concentrations exceeded the residential RSL in all three samples, and were also above the industrial RSL in the duplicate sample DPT-4-SO-(5-7) and in soil sample DPT-4-SO-(11-12).

Metals were detected in all subsurface soil samples. Arsenic and lead were detected at levels exceeding the MRBCA LDTL in all samples. Of these exceedances, all exceed the EPA residential and industrial RSLs; however, only lead in sample DPT-4-SO-(20-21) exceeded its average concentration in St. Louis County. No metals were detected at concentrations exceeding applicable residential RBTLs.

5.3 GROUNDWATER

The laboratory detected acetone, a common laboratory contaminant, in the duplicate groundwater sample DPT-1-GW-(20-25) and groundwater sample DPT-4-GW-(16-21), with no detected concentrations exceeding regulatory benchmarks. Several other VOCs were detected in these two samples. Styrene was detected in sample DPT-4-GW-(16-21) at a concentration exceeding the MRBCA LDTL and EPA MCL. No VOCs were detected at concentrations exceeding applicable residential RBTLs.

The common laboratory contaminant bis(2-ethylhexyl)phthalate was detected in groundwater sample DPT-4-GW-(16-21) at 24.4 µg/L, exceeding the MRBCA LDTL and EPA MCL of 6 µg/L, but below the MRBCA residential RBTL of 24,900,000 µg/L. No other SVOCs were detected in groundwater samples at concentrations above laboratory reporting limits.

No PCBs were detected in groundwater samples at concentrations above laboratory reporting limits. TPH-GRO was detected in groundwater sample DPT-4-GW-(16-21) at 937 µg/L, below the MRBCA LDTL of 18,100 µg/L. No other TPH was detected in groundwater samples at concentrations above laboratory reporting limits.

Metals were detected in all DPT groundwater samples. Results from the total metals analysis indicated arsenic, barium, cadmium, chromium, lead, and mercury at levels exceeding regulatory benchmarks. The

concentrations of metals in the unfiltered (total) metals samples were much higher than those in the filtered (dissolved) metals samples, suggesting the bulk of the metals detected in the total metals samples were from suspended sediment within the sample. However, results from the dissolved metals analysis indicated only an arsenic concentration at a level above the LDTL and MCL of 10 µg/L in DPT-2-GW-(18-23). No dissolved metals were detected at concentrations exceeding applicable residential RBTLs.

5.4 EVALUATION OF PREVIOUSLY IDENTIFIED RECS

This section discusses and evaluates the previously identified RECs reported in the October 2019 Phase I ESA (SCS 2019). Based on results of soil sampling, the subject property appears to have been impacted by historical activities at the subject property, including gas station with USTs, used car lot, and an auto parts warehouse. Petroleum odor and an oily substance were noted during sampling at DPT-4, adjacent to a disturbed area of soil where a possibly present UST may be located south of the building. Soils contained fuel-related VOCs and SVOCs.

Groundwater sampling results in the vicinity of this possibly present UST also indicated the presence of fuel-related VOCs and TPH; however, none of these petroleum-related constituents exceeded LDTLs at the subject property. Historical activities in the vicinity of the subject property, including handling of bulk hazardous substances and/or petroleum products, do not appear to have contributed contamination to groundwater at the subject property.

5.5 CONCEPTUAL SITE MODEL

5.5.1 Chemical Release Scenario and Spatial Distribution

Sampling results during this Phase II ESA indicated presence of VOCs, SVOCs, TPHs, and metals in soil and groundwater at the subject property.

Highest concentrations of VOCs, SVOCs, and TPHs were detected in soil and groundwater samples collected in the vicinity of a possible present UST. Sampling results from soil and groundwater were compared to EPA RSLs (soil) for residential and industrial scenarios, EPA MCLs (groundwater), MRBCA LDTLs and MRBCA Tier I RBTLs for residential and non-residential soil in Type 3 (clayey) soils. These comparisons indicated elevated concentrations of petroleum constituents likely associated with historical operations. Several of these detections exceeded residential EPA RSLs, EPA MCLs, and Missouri RBTLs indicating that a release has likely occurred.

5.5.2 Current and Future Land Use and Groundwater Use

The subject property is currently not in use. It is improved with a vacant, single-story warehouse building on slab (no basement) that encompasses the entire area of the parcel. Groundwater is not currently used for drinking water at the subject property. The City of St. Louis derives its drinking water from two water treatment plants. The Howard Bend Plant draws water from the Missouri River. The Chain of Rocks Plant is located on the Mississippi River, south of the confluence of the Missouri and Mississippi Rivers (City of St. Louis 2019). On August 1, 2005, the City of St. Louis approved an ordinance that prohibits the use or attempted use of groundwater as a potable water supply. On October 25, 2006, the City of St. Louis and MDNR entered into a memorandum of understanding (MOU). The existence of the MOU allows the city ordinance to be used, by itself, to sever the future groundwater domestic use pathway for sites within the corporate limits of the City of St. Louis (MDNR 2006a).

The current owner of the subject property, Washington Tabernacle Missionary Baptist Church, is interested in redeveloping/remodeling the existing structure to include multiple uses such as classrooms and conference rooms to support the church body, and office and rental space, depending on findings from this Phase II ESA.

5.5.3 Land and Groundwater Use Restrictions

As stated above, groundwater use as a potable water supply is restricted currently and for the foreseeable future.

5.5.4 Physical Conditions

A discussion of physical conditions is provided in Section 2.2 of this report.

5.5.5 Remedial Activities Conducted at the Site

No known remedial activities have been occurred at the site.

5.5.6 Exposure Model

Groundwater Migration Pathway and Targets

The subject property is located in the urban center of St. Louis and is surrounded by commercial businesses. The City of St. Louis derives its drinking water from two water treatment plants. The Howard Bend Plant draws water from the Missouri River. The Chain of Rocks Plant is located on the Mississippi River, south

of the confluence of the Missouri and Mississippi Rivers (City of St. Louis 2019). As described above, groundwater use as a potable water supply within the city limits of St. Louis is restricted currently and for the foreseeable future. Because the city serves the groundwater domestic use pathway, the likelihood of exposure to contaminants present in groundwater at the subject property is low.

Surface Water Migration Pathway and Targets

The hydrologic gradient at the subject property is not known but may be inferred to be consistent with the topographic gradient, which extends primarily to the east-southeast toward the Mississippi River, which is approximately 2.4 miles east-southeast of the subject property. Threatened or endangered species known or likely to occur in St. Louis City, Missouri, include the Indiana bat, the northern long-eared bat, and the pallid sturgeon (U.S. Fish and Wildlife Service [USFWS] 2020). Presence of these species at the site area has not been verified; nor have critical habitat areas been delineated.

There are no surface water features at the subject property and stormwater flows into the city stormwater sewer system. Therefore, the likelihood of exposure is low.

Soil Exposure and Air Migration Pathways and Targets

Soils at the site have been classified as urban land, upland with 0 to 5 percent slopes. This soil type is found in hills in urban settings and is classified as not prime farmland (USDA 2020). The subject property is entirely covered by asphalt, concrete, buildings, or other impervious material. Based on the extent of pavement, the likelihood of direct exposure to soil or air contamination is low.

Subsurface Vapor Intrusion Migration Pathway and Targets

Based on detections of VOCs in groundwater and the age of the building, there is the potential for migration of VOCs from the subsurface into indoor air of the building through cracks in the foundation or other openings which would result in a human exposure pathway.

To complete the vapor intrusion exposure pathway scenario, groundwater sample results were compared to target soil-gas concentrations generated by the EPA vapor intrusion screening level (VISL) calculator for residential and commercial indoor air (HQ=0.1) (EPA 2021). A VISL is calculated to determine a concentration in the subsurface that might result in unacceptable concentration in indoor air. Only constituents that exceeded the MCL in groundwater were compared to a VISL. Styrene is the only compound with sufficient volatility and toxicity to exceed MCLs in groundwater collected from the site.

The calculated VISL for styrene is 928 µg/L, which is greater than the detected concentration of styrene (227 µg/L). As a result, the organic vapors are unlikely to be entering the building from off-gassing from groundwater.

5.6 AFFECTED MEDIA

Sampling results during this Phase II ESA indicated the presence of VOCs, TPH, SVOCs, and metals in soil and groundwater at the subject property. Some of these constituents exceeded LDTLs and RSLs in soil and LDTLs and MCLs in groundwater. LDTLs and MCLs are largely related to protection of groundwater or use of groundwater as a drinking water source. However, groundwater is not currently used as a drinking water source in St. Louis (see Section 2.2.2).

None of the constituents detected in soil exceeded the residential RBTLs, based on the observed soil type (clayey) and the likely exposure pathway (migration of vapors). Other than total metals in groundwater, none of the constituents detected in groundwater exceeded the residential RBTLs, based on the observed soil type (clayey) and the likely exposure pathways (dermal contact for metals and migration of vapors for other constituents). Although total metals exceeded residential RBTLs in groundwater, none of the dissolved metals exceeded residential RBTLs, suggesting the metals detected were actually in the suspended sediment, not the water.

The current owner of the subject property, Washington Tabernacle Missionary Baptist Church, is interested in redeveloping/remodeling the existing structure to include multiple uses such as, classrooms and conference rooms to support the church body as well as office and rental space; all dependent on the findings of this Phase II ESA. The subject property in the urban center of St. Louis is surrounded by commercial businesses. Differences in the soil sample and duplicate soil sample data demonstrate that the soil medium is heterogeneous and has large RPDs; therefore, variability in levels of contamination are expected. Because a building encompasses the majority of the subject property, additional samples may be collected in the future if the building is to be demolished in order to further characterize the site; however, based on analytical results from soil and groundwater samples, no further investigation and/or remediation appears warranted.

If the building is demolished, a soil management plan may be required to protect construction or utility workers that may have dermal exposure to contamination in subsurface soil or groundwater. In addition, asbestos and LBP should be appropriately addressed prior to building renovation or demolition. The Toeroek Team has submitted the Hazardous Materials Survey report to EPA, which summarizes ACM and

LBP found at the subject property. An Analysis of Brownfields Cleanup Alternatives (ABCA) report may be submitted under separate cover to present alternatives for remediating hazardous materials at the subject property.

6.0 REFERENCES

City of St. Louis. 2019. City of St. Louis Water Division, Consumer Confidence Report, 2019. https://www.stlouis-mo.gov/government/departments/public-utilities/water/documents/upload/ccr2019.pdf

Missouri Department of Natural Resources (MDNR). 2006a. City of St. Louis Groundwater Memorandum of Understanding. https://dnr.mo.gov/env/hwp/docs/StLouisGroundwaterMOU.pdf

Missouri Department of Natural Resources (MDNR). 2006b. Missouri Risk-Based Corrective Action Technical Guidance. February.

Missouri Department of Natural Resources (MDNR). 2019. Brownfields Assessment Application, Submitted by Washington Tabernacle Missionary Baptist Church for the WE Building property. June 17.

National Weather Service. 2021. Historical Weather Data for St. Louis, Missouri. Accessed January 2021. https://w2.weather.gov/climate/index.php?wfo=lsx

SCS Engineers (SCS). 2019. Phase I Environmental Site Assessment. WE Building, 3230-3232 Washington Boulevard, St. Louis, Missouri. October.

Toeroek Associates, Inc. (Toeroek). 2020. Quality Assurance Project Plan, Phase II Environmental Site Assessment, WE Building, 3230-3232 Washington Boulevard, St. Louis, Missouri. September 9.

U.S. Department of Agriculture (USDA). 2020. Web Soil Survey. Accessed on September 23, 2020. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

U.S. Environmental Protection Agency (EPA). 2020. Regional Screening Levels (RSLs) – Generic Tables. November. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables

U.S. Environmental Protection Agency (EPA). 2021. Vapor Intrusion Screening Levels (VISL) Calculator. Accessed January. https://epa-visl.ornl.gov/cgi-bin/visl_search

U.S. Fish and Wildlife Service (USFWS). 2020. Montgomery-County Distribution of Federally-Listed Threatened, Endangered, Proposed, and Candidate Species. Accessed December 2020. https://ecos.fws.gov/ipac/location/G4G334DWTFGVJAQRJJLN7NFE7M/resources

U.S. Geological Survey (USGS). 1993. Clayton, Missouri Quadrangle. USGS 7.5-Minute Topographic Series.

U.S. Geological Survey (USGS). 1997. *Groundwater Atlas of the United States*: Kansas, Missouri, and Nebraska. Accessed March 2020. http://pubs.usgs.gov/ha/ha730/gwa.html

U.S. Geological Survey (USGS). 2020. Average concentrations of elements in Saint Louis County, Missouri. https://mrdata.usgs.gov/geochem/county.php?place=f29189&el=As&rf=east-central

APPENDIX A

FIGURES

N

0 1,000 2,000

Feet

Source: USGS Cahokia, MO 7.5 Minute Topo Quad, 1998; USGS Granite City, MO 7.5 Minute Topo Quad, 1998

WE Building
3230-3232 Washington Boulevard
St. Louis, Missouri

Figure 1
Site Location Map

TETRA TECH

Date: 10/2/2020 Drawn By: Nick Wiederholt Project No: 103Z65210190.03.03.07

C:\GIS_Workspace\X\P\65210190\03\Projects\mxd\Figure1.mxd

Legend

- DPT soil sample location
- DPT soil/groundwater sample location
- Approximate site boundary
- Potential UST location
- DPT Direct push technology
- UST Underground storage tank

Note: The potential UST location is approximately 5'x8', but has been exaggerated in size on this figure for visibility purposes.

Source: Esri, ArcGIS Online, World Imagery (Clarity)

WE Building
3230-3232 Washington Boulevard
St. Louis, Missouri

Figure 2
Sample Location Map

TETRA TECH

Date: 10/14/2020 Drawn By: Nick Wiederholt Project No: 103Z65210190.03.03.07

X:\P\65210190\03\Projects\mxd\Figure2_SampleLocs.mxd

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: East	DESCRIPTION	This photograph shows the WE Building main entrance.	1
	CLIENT	U.S. Environmental Protection Agency (EPA)	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: North	DESCRIPTION	This photograph shows personnel conducting a ground penetrating radar (GPR) survey. GPR identified an area of disturbed soil at the south side of the building that may have been the location of an underground storage tank (UST).	2
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

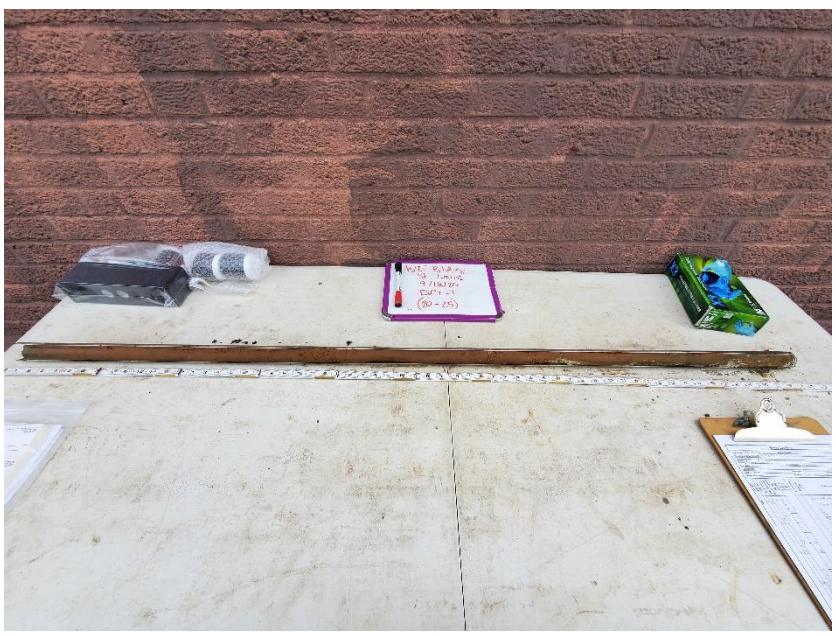
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: North	DESCRIPTION	This photograph shows the area at the south side of the building that GPR identified as a possible location of a UST.	3
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: East-Southeast	DESCRIPTION	This photograph shows direct-push technology (DPT) boring DPT-1 inside of the northernmost garage door on the west side of the building.	4
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

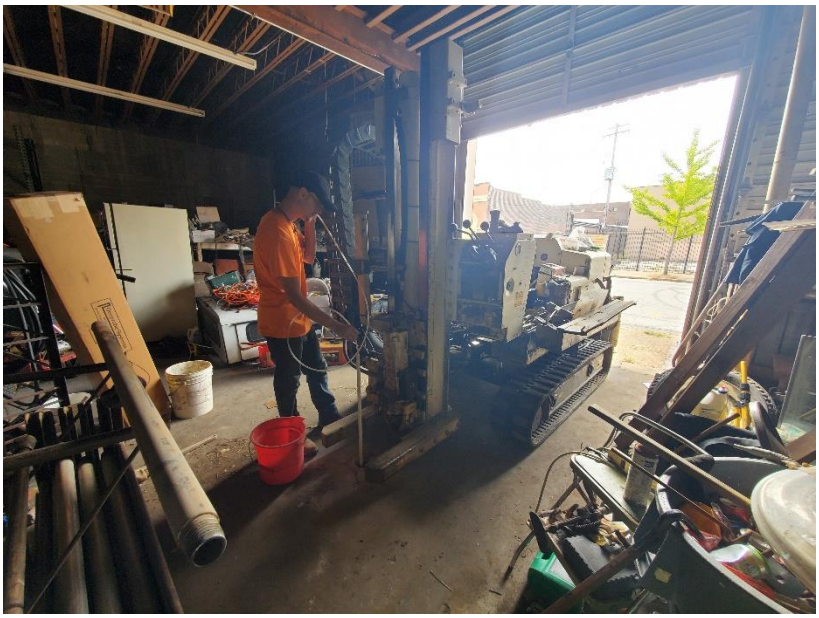
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: Not applicable (NA)	DESCRIPTION	This photograph shows soil core from boring (SB) DPT-1 within 0-5 feet (ft) below ground surface (bgs). This is the top of the boring column.	5
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	



SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-1 within 20-25 ft bgs. This is the bottom of the boring column.	6
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

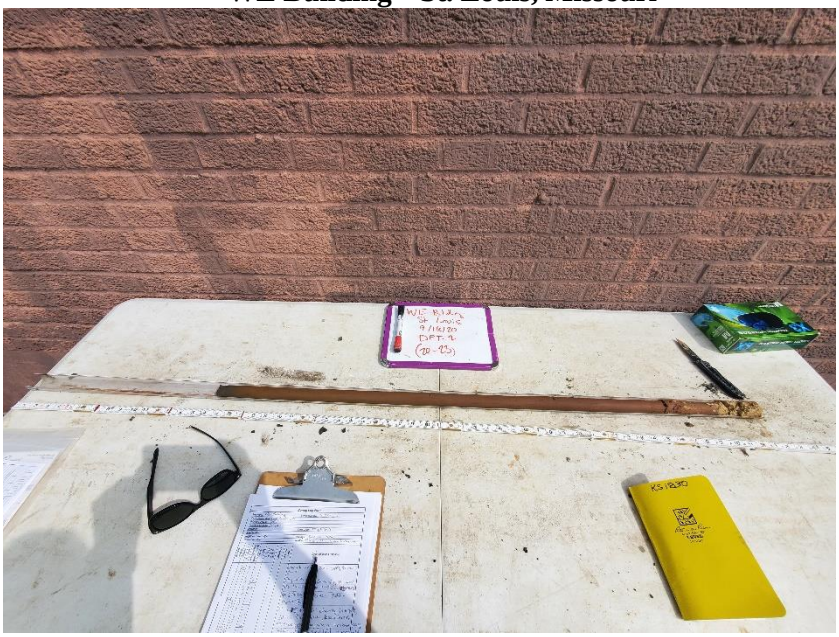
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri



SUBTASK NO. 03.03.03 DIRECTION: Southwest	DESCRIPTION	This photograph shows DPT-2. The boring was inside the southernmost garage door opening on the west side of the building.	7
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-2 within 0-5 ft bgs. This is the top of the boring column.	8
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri



SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-2 within 20-23 ft bgs. This is the bottom of the boring column.	9
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: North	DESCRIPTION	This photograph shows DPT-3 (left) and DPT-4 (right). DPT-3 and DPT-4 were placed on either side of the disturbed soils area identified by the GPR at the south side of the building.	10
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-3 within 0-5 ft bgs. This is the top of the boring column.	11
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-3 within 20-22 ft bgs. This is the bottom of the boring column.	12
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

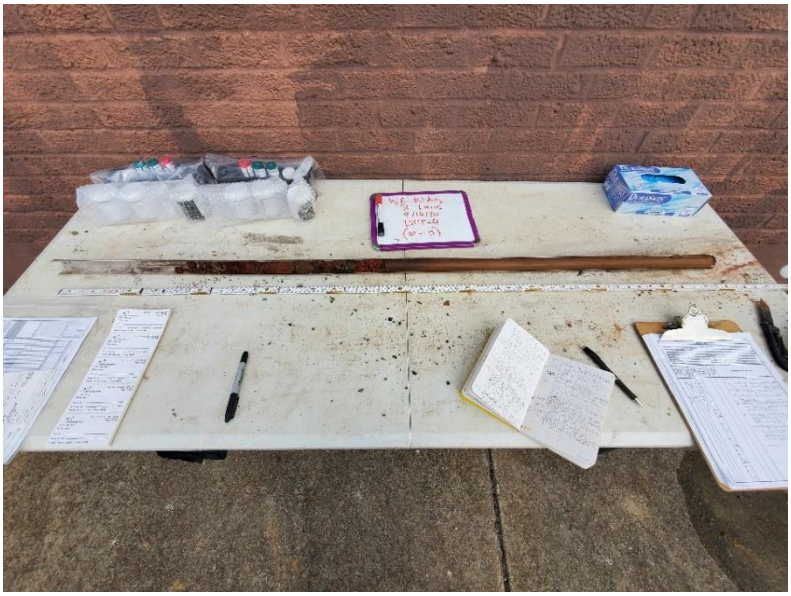
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: Northeast	DESCRIPTION	This photograph shows DPT-3 (left) and DPT-4 (right). DPT-3 and DPT-4 were placed on either side of the disturbed soils area identified by the GPR at the south side of the building.	13
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-4 within 0-5 ft bgs. This is the top of the boring column.	14
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

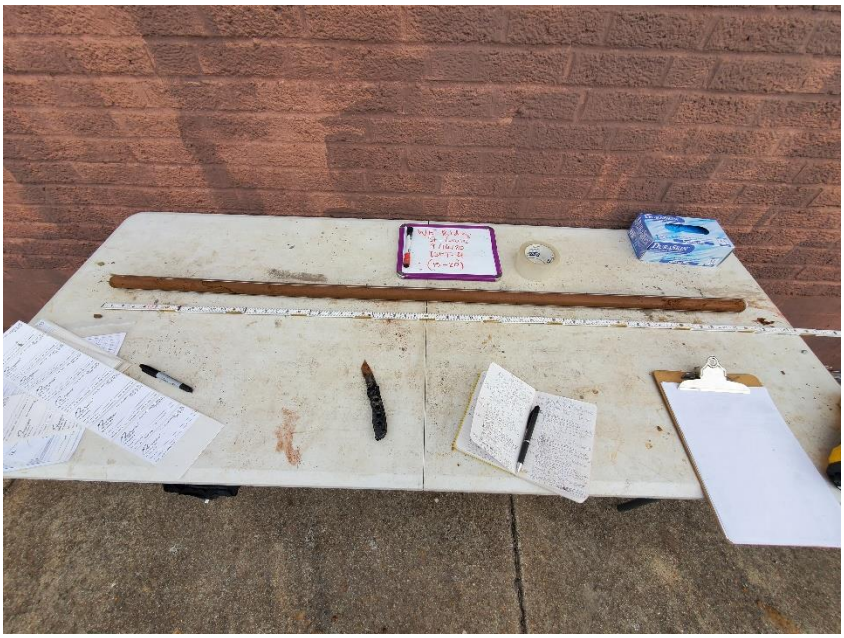
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-4 within 5-10 ft bgs.	15
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	



SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-4 within 10-15 ft bgs. Photoionization detector (PID) readings indicated elevated levels of volatile organics, hydrocarbon stains were observed, and petroleum odor was detected within 10-12 ft bgs.	16
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri



SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-4 within 15-20 ft bgs.	17
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-4 within 20-21 ft bgs. This is the bottom of the boring column.	18
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

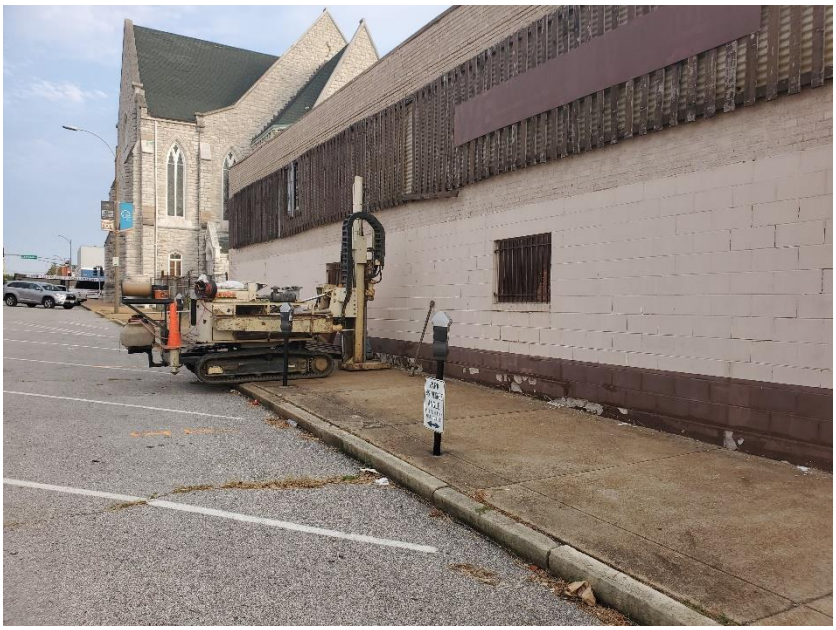
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: Northwest	DESCRIPTION	This photograph shows DPT-5 on the east side of the building.	19
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-5 within 0-5 ft bgs. This is the top of the boring column.	20
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

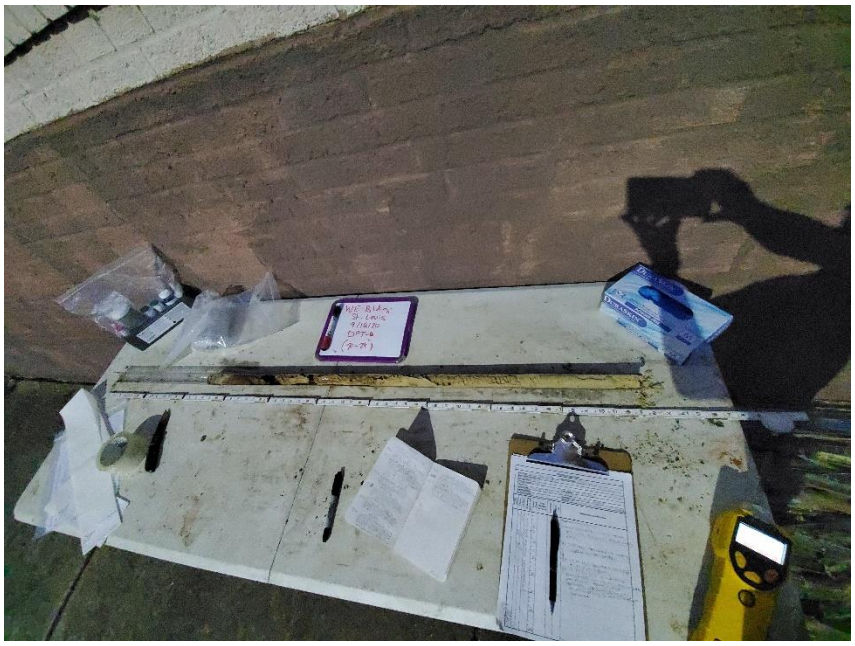
Phase II Targeted Brownfields Assessment
WE Building – St. Louis, Missouri

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-5 within 15-20 ft bgs. This is the bottom of the boring column.	21
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	



SUBTASK NO. 03.03.03 DIRECTION: East	DESCRIPTION	This photograph shows DPT-6 on the north side of the building.	22
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-6 within 0-5 ft bgs. This is the top of the boring column.	23
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	



SUBTASK NO. 03.03.03 DIRECTION: NA	DESCRIPTION	This photograph shows the soil core from SB DPT-6 within 20-24 ft bgs. This is the bottom of the boring column.	24
	CLIENT	EPA	DATE 9/16/2020
	PHOTOGRAPHER	Stephanie Caples	

APPENDIX C

SITE LOGBOOK AND SOIL BORING LOGS

K51830

Rite in the Rain®
ALL-WEATHER
LEVEL
№ 311FX

Site 01 - cyclonic Building
103G65210190.01.03/05

Site 03 - NE Building
103G65210190.03.03/05

9/14/20

0715 Stephanie Cuples + Ryan Slanczka tasked to go to St. Louis for brownfields work on the WE + Cyclonic buildings.
Weather: Sunny, 85°F, light breeze.

0913 Departed TT office in KCMO

1300 Arrived on-site + met w/ Mr. D. for a site tour.

1406 Calibrating XRF to begin lead based paint survey of the WE building.

1700 Finished w/ lead survey in the WE building.
End of day.

SC
9/14/20

9/15/20

0743 Arrived on-site + met with Plains drillers (Erick + Sasu.

0815 Site safety meeting.
Weather: Sunny to partly cloudy, high of 85°F, light breeze.
Anticipated work: DPT drilling at Cyclonic, Soil + GW sampling, Lead, PCBs, + Asbestos.

1010 Collected sample from DPT-1: DPT-1-SO-(10-11)
GPS: 38.636847 -90.225592.
No GW sample collected. Former basement encountered ≈ 11ft bgs + could not move past. Offset west to grassy area but were halted at ≈21ft bgs + no GW.
Samples placed on ice immediately.

1015 Moved to DPT-2. Gasoline UST ID'd in this location.

1100 Soil gas for DPT-2
Can ID: 14116 Batch: 21337
DPT-2-SG-(4-6)

Rite in the Rain

9/15/20

Start pressure: -30".

1115 Collected soil sample DPT-2-SO-(10-11). Sample placed on ice immediately.

1114 SG for DPT-1: DPT-1-SG-(4-6)
Can ID: 2366
Batch: 21287
Start Pressure: -30

1125 DPT-2 & DPT 1 SG samples aborted due to 24 hour gages. We will check with Pace to see about getting grab sample gages delievered.

1230 After discussion regarding the SG samples took place it was decided that we will remove the gages & collect an unregulated sample w/ the same canisters.

1235 Collected SG sample DPT-1-SG-(4-6).

1243 Collected SG sample DPT-2-SG-(4-6).
GPS: 38.637032 -90.225430

1300 Moved to DPT-3.

9/15/20

38.636771 -90.225248 (GPS)

1330 DPT-3-SG-(5-7) SG sample Collected.

1338 Collected SO sample DPT-3-SO-(7-8) & FD DPT-3-SO-(7-8)-FD. Samples placed on ice immediately.

1339 Moved to DPT-4.

1357 Placed Trip Blank in cooler Cyclonic-SO-TB.

1418 Collected SG sample for DPT-4 DPT-4-SG-(5-7)
Canister: 2816
Batch: 21337

1423 For DPT-3 DPT-3-SG-(5-7)
Canister: 872
Batch: 22378

1440 Collected soil sample DPT-4-SO-(9-10). Sample placed on ice immideatelly.

1441 Moved to DPT-5 for GW. Purged ≈ 1 gal.

1455 Collected sample + FD DPT-5-GW-(17-21) + DPT-5-GW-(17-21)-FD

Rain

4/15/20

1542 DPT-5 GPS:
38.636750 -90.226362

1610 GW cooler Trip blank added to cooler:
Cyclonic-GW-TB.

1620 Field blank created & added to the cooler w/ GW samples:
Cyclonic-FB. FB created using CVS-brand distilled water.

1627 At DPT-6. Drilled earlier & allowed to recharge.
GPS: 38.636908 -90.225993

1628 Collected sample:
DPT-6-GW-(16-21). Purged 1 gal prior to sampling. Sample placed on ice immidiatly. Light to moderate petroleum odor detected during sampling. Some effervescence occured during VOA sampling resulting in some bubbles in the vials.

1700 Plains staff departed.
NOTES: GW sampling locations were selected based off of visual determination of local hydrological gradient. Likely Regional hydrological gradient sample location was attempted but was unsuccessful due to refusal at 7 ft bgs.

4/15/20

1820 Headed to Pace Corrier & Fedex to send XRF.

1854 Dropped off Cyclonic Samples (2 large coolers, 1 small cooler, & 1 large cardboard box) at the Pace designated 3rd party courier drop location.

1925 Arrived at FedEx to drop off XRF to be shipped back to Pine. Unable to ship, will deliener in-person tomorrow.

1930 End of day.

SC
4/15/20

9/16/20

0735 Arrived on-site.
Weather: Partly Cloudy w/ a high of 83°F.

0759 Received message from GPR team that they will be arriving late. Plains team instructed to arrive at 0930 unless otherwise informed.

0850 Mason w/ GPRS Arrived. Discussion of desired outcomes.

0859 Site safety meeting.

0900 Starting GPR survey around perameter.

0928 Possible structure identified on south side of building ≈ 3 ft bgs to top of structure / disturbance. GPS: 38.637179 -90.226038 Roughly 5' x 8' next to the side of the building & butting up next to it. Old iron pipe leading to building overlaps with this location.

9/16/20

1023 GPR Survey mostly complete but still wrapping up. Several anomolies detected inside on the south side of the building & outside on the east side of the building, as well as the previously discussed structure / disturbance on the south side of the building. Concrete up the ramp inside the building has been identifyed as being ≈ 7" thick, so we will likely be able to drill inside in some areas (barring obstruction keeping us from maneuvering inside). Couldn't scan under van parked on west side of the building & Mr. D was not able to move it, so we will avoid that

9/16/20

area. The inside of the building was scanned as thoroughly as possible considering the many obstructions in the way.

1027 Plains drillers arrived.

1037 Mason departing. Hymn returned from dropping the XRF off at Pine.

1100 Set up on DPT-1 at the WE building.

1158 Collected sample DPT-1-SO-(20-21). Sample placed on ice immediately.

1210 Collected Sample DPT-1-GW-(20-25) & DPT-1-GW-(20-25)-FD. Samples placed on ice immediately. Approximately 1 gal of water purged prior to sampling.

1400 DPT-1 GPS: 38.637380 -90.226208

9/16/20

1401 Moved to DPT-2. GPS: 38.637301 -90.226180.

1414 Asbestos survey of cyclonic bldg going well.

1515 Collected Sample DPT-2-SO-(22-23). Sample placed on ice immideatelly.

1540 Leaving PVC & screen down hole to recharge. Very low flow. Moving to DPT-3. GPS: 38.637148 -90.226083

Collected Sample

1615 DPT-3-SO-(21-22). Sample placed on ice immideately.

1616 Moved to DPT-4. GPS: 38.637153 -90.225986

1645 Collected Samples DPT-4-SO-(5-7) & DPT-4-SO-(5-7)-FD. Samples placed on ice immediately.

1700 Moved to DPT-5. GPS: 38.637327 -90.225839

1734 Collected Sample DPT-4-SO-(11-12)

9/16/20

Sample placed on ice immideately.

1740 Moved to DPT-6.
GPS: 38.637522 -90.225915

1745 Collected Sample
DPT-5-GW-(15-20)
Sample placed on ice immidentely. Approx. 1 gal of water purged prior to sampling.

1756 Collected Sample
DPT-4-SO-(20-21).
Sample placed on ice immedeately.

1818 Collected Sample
DPT-5-SO-(19-20).
Sample placed on ice immedeately.

1833 Collected Sample
DPT-2-GW-(18-23).
Sample placed on ice immideately.

1856 Collected Sample
DPT-6-GW-(19-24)
Sample placed on ice immideately. Purged ½ gal.

9/16/20

1900 Collected Sample
DPT-4-GW-(16-21)
Sample placed on ice immideately
SC Purged ½ gal.

~~1909 Collected Sample DRY SC~~
~~DPT-3-GW-(17-22)~~
~~Sample placed on ice immideately. Purged ½ gal.~~

1932 Cooler TB for water placed in cooler.
WE Building-GW-TB1.

1938 Collected Sample
DPT-6-SO-(20-21)
Sample placed on ice immideately

1939 WE Building-GW-TB2
Water cooler Trip blank #2 in in cooler.

1957 Collected Rinsate blank
Rinsate Blank

1959 Plains departed. Were leaving & will finish labeling at the hotel

2238 Added soil Trip blank to cooler:
WE Building-SO-TB.

2242 Added a water

9/16/20

trip blank to cooler
[WE Building - GW - TB3]

2250 . Trip blank for water added to cooler
[WE Building - GW - TB4].

2300 Added Field blank to the cooler:
[WE Building-FB]. Created using CVS-brand distilled water. The rinsate blank was also created using the same water.

2317 End of Day.

SC
9/16/20

9/17/20

0837 Arrived on-site.
Weather: Sunny to partly cloudy, high of 77°F, moderate wind.

0850 Site safety meeting.
Ryan finishing up asbestos in Cyclonic, I'll be filling out COCs, dropping off samples, + dropping off PID at Pine. Later today we'll do the asbestos survey for the WE building followed by HHW for both buildings.

1141 Dropped off samples at the courier drop location.

1812 Finished with HHW + Asbestos survey at WE building.

1824 Called Mr. D + dropped of keys in church mailbox as requested.

1830 End of day.

9/18/20

0827 Checked out of hotel.
0906 Turned in timesheets.
0908 Returning to KCMO.
1312 Arrived in KCMO.
1425 End of duty.

Sri
9/18/20

Boring Log Form

Site Name: WE Bldg. **Boring Number:** DPT-1
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation: **Total Depth:** 25 ft bgs
Coordinates: 38.6637380 -90.226208
Depth to Water: 21 ft bgs **Geologist:** Stephanie Caples
Project Number: **Weather:** Overcast, 78°F

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	.5/5 =10%	0	4				Concrete, Asphault, Sand, Brick, Compact, crushed.
	5-10	.75/5 =15%	0	5, 8				Brick, Asphault/Tar/sand. At 9.5 ft bgs: Clay, m-brown w/ orange, plastic, wet, soft
	10-15	2.5/5 =50%		10, 12				At 10 ft bgs: becomes soft to m-stiff.
			0	15, 16				At 14 ft bgs: Grades to silt w/ a little clay + some VF-sand, dark gray, not plastic, moist, m-stiff/dense.
SB @ 20-21	15-20	4/5 =90%	0	20	▽			At 16.5 ft bgs: Clay with a little silt, plastic, dark gray, wet, soft.
	20-25	.75/5 =100%	0	24, 25				At 17.25 ft bgs: becomes tan to m-gray, m-stiff. Continues to become stiffer + moist, + more tan than gray with depth. Grades to silt with a little clay + a little VF-sand with depth
GW @ 20-25				28				

At 20 ft bgs: Silt + Some clay, red-brown, stiff, plastic, moist-wet. Some dark gray streaks TO.

At 23 ft bgs: Some gravel-sized orange sandstone mixed in.

At 23.5 ft bgs: Chert grave mixed in along with crumbly, light gray, sand + silt, lightly fissil- some limestone.

↓

DPT-1-SO-(20-21)

DPT-1-GW-(20-25)

DPT-1-GW-(20-25)-F

Boring Log Form

Site Name: WE Building **Boring Number:** DPT-2
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation: **Total Depth:** 23 ft bgs
Coordinates: 38.637301 -90.226180
Depth to Water: NA / 23 ft bgs. **Geologist:** Stephanie Caples
Project Number: **Weather:** Sunny, 83°F, light breeze

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	1.75 / 5 =35%	0 0 0 0	4				Concrete on top ≈ 7in (GPR), followed by sand. Clay with silt: Some silt, m-brown, plastic, stiff to m-stiff, moist.
			0	5				At 5 ft bgs: becomes soft - m-stiff.
	5-10	3 / 5 =60%	0 0 0 0	8				At 9.75 ft bgs: Cherty interval, some limestone, fossiliferous, microcrystalline, gray, broken (splint) easily, thinly bedded, surrounded by tan-light gray silty / VF sand, semi-fissile.
			0 0 0	10				
	10-15	3 / 5 =60%	0 0 0	12				
			0	15 16				At 9.75 ft bgs: Returns to previous.
	15-20	4.5 / 5 =95%	0 0 0	20				At 12 ft bgs: becomes Clay with a little silt, very soft, gray, moist-wet, plastic. At 14.75 ft bgs: becomes silt w/ a little clay & some VF-sand, black, not plastic, moist, crumbly, m-stiff - stiff, dense.
SW @ 22-23	20-23	3 / 3 =100%	0 0 0	23 24	▽			At 15 ft bgs: becomes dark gray silt w/ some clay & a little VF sand, dense, stiff, not plastic, moist, black streaks TO. At 15.5 ft bgs: becomes dark gray - black, organic rich, organic odor, bits of wood imprints + casts. At 16 ft bgs: becomes Clay with a little silt, plastic, dark gray w/ black streaks, moist wet, soft.
				28				

DPT-2-SO-(22-23)

DPT-2-GW-(18-23)

At 17 ft bgs becomes m-gray with black streaks, slight green tint.

At 18 ft bgs: becomes m-stiff, moist

At 19 ft bgs: becomes m-brown stiff, moist, siltier.

At 20 ft bgs: becomes m-re brown w/ gray swirls with i Slightly plastic, very stiff: stiff, moist.

At 21.5 ft bgs: gravel sized chunks of chert, quartz & limestone mixed into the clay, some bits of sand & semi-fissile silt in areas.

At 22.5 ft bgs: Limestone is yellow, sandy, weathered splintry slivers.

At 22.75 ft bgs: LIMESTO weathered, lots of chert, fractured, fossiliferous, micro-crystalline, tan-yellow, surrou by silty / VF-sandy / clayey fill. Saturated.

Boring Log Form

Site Name: WE Building **Boring Number:** DPT -3
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation: **Total Depth:** 22 ft bgs
Coordinates: 38.637168 -90.226083
Depth to Water: 22' bgs **Geologist:** Stephanie Caples
Project Number: **Weather:** Sunny - Partly Cloudy, 83°F, light breeze

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	2/5 =40%	0 0 0 0 0	4 5				Concrete on top 5 inches. Clay + Silt: m-brown, plastic, m-stiff, moist.
	5-10	2.5/5 =50%	0 0 0 0 0 0	8 10				At 8.5 ft bgs: black, organic layer. At 9 ft bgs: return to above. At 10 ft bgs: becomes soft to m-stiff.
	10-15	4/5 =90%	0 0 0 0 0 0	12 15 16				At 15 ft bgs: become m-red-brown.
	15-20	5/5 =100%	0 0 0 0 0	20				At 20 ft bgs: becomes m-red-brown w/ black streaks, stiff. At 21.75 ft bgs: becomes tan clay + silt + sand + gravel + limestone weathered chunks, saturated, soft to m-stiff / m-dense to loose.
SOE 21-22	20-22	1.5/2 =75%		22 24 28				DPT-3-SO-(21-22) GW not collected. Dry.

Boring Log Form

Site Name: WE Building **Boring Number:** DPT-4
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation: **Total Depth:** 21 ft bgs
Coordinates: 38.637153 -90.225986
Depth to Water: 21 ft bgs **Geologist:** Stephanie Caples
Project Number: **Weather:** Partly Cloudy, 80°F, light breeze

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
			0					Concrete on top ≈5 inches.
	0-5	2.5	0					Clay + Silt: m-brown, plastic, soft to m-stiff, moist, some black, red, + gray streaks.
		5	0					
		=50%	0	4				
			0	5				At 5 ft bgs: Oily / tar-like staining.
80 @ 5-7	5-10	3	1.0					
		5	0	8				
		=60%	0					At 6 ft bgs: dark black oil staining, tar staining, petroleum odor, some red stains.
			0					
			0	10				
	10-15	4	6.0 ↗					At 7 ft bgs: return to m-brown, clay + some silt, moist, soft + m-stiff.
		5	5.4 ↗	12				
		=70%	7.9 ↗					
			0.0 ↗					At 9 ft bgs: Coarse sand ≈3in, followed by ≈5 in of orange brick, followed by 3in of coarse sand, followed by 1in red brick.
			0.0 ↗	15				
			0.0	16				
	15-20	5	0					
		5	0					
		=100%	0	20				
			0					At 10 ft bgs: Alternating layers of coarse sand + brick. Small chunk of some kind of plastic (not PVC) at ≈ 12 ft bgs (looks previously shorn)
20-21	20-21	.5	0	21 ▽				
		1						
		=50%						
				24				
								At 13 ft bgs: return to m-Red-Brown clay + a little silt, m-stiff, plastic, moist.
				28				

At 20.5 ft bgs:
becomes orange Tan,
Soft, moist-wet, plast

DPT-4-50-(5-7)

DPT-4-50-(5-7)-FP

DPT-4-50-(11-12)

DPT-4-50-(20-21)

DPT-4-GW-(16-21)

Boring Log Form

Site Name: WE Building
Boring Number: DPT-5
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation:
Total Depth: 20 ft bgs
Coordinates: 38.637327 -90.225839
Depth to Water: 20 ft bgs
Geologist: Stephanie Caples
Project Number:
Weather: Overcast, 80°F, light breeze

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	1 5 =20%	0 0 0 0	4				Asphault, brick, coarse sand backfill
	5-10	5 5 5 =100%	0 0 0 0 0 0 0	5 8 10 12				Clay + some silt, m-brown, soft to m-stiff, plastic, moist. At 10 ft bgs: becomes very soft to soft.
	10-15	5 5 5 =100%	0 0 0 0	15 16				At 15 ft bgs: becomes m-stiff
SB@ 19-20	15-20	5 5 5 =75%	0 0 0 0 0	20 24 28				At 18 ft bgs: become s m-stiff to stiff. At 19 ft bgs: becomes dark brown red, soft, wet. At 19.5 ft bgs: Fossiliferous Limestone, Tan/gray, microcrystalline weathered surface, w/sands/silty/clay material filling in the area around stone, highly fractured, splintery, saturated. DPT-5-SO-(19-20) DPT-5-GW-(15-20)

Boring Log Form

Site Name: WE Building **Boring Number:** DPT-6
Date Drilled (Start/Finish): 9/16/20
Drilling Method: DPT
Drilling Company: Plains
Elevation: **Total Depth:** 24 ft bgs
Coordinates: 38.637522 -90.225915
Depth to Water: 21 ft bgs **Geologist:** Stephanie Caples
Project Number: **Weather:** Overcast, 79°F, light breeze

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	1.5/5 =30%	0 0 0 0	4				Asphault on top 3". Clay + some silt, m- to D-brown, very soft, Compact, moist-wet, plastic
	5-10	3/5 =60%	0 0 0 0	5 8				At 7 ft bgs: becomes m-brown, Soft to m-stiff.
	10-20	5/10 =50%	0 0 0 0	10 12				At 18 ft bgs: becomes m-stiff to m-Red-brown
			0 0 0 0 0 0 0 0	16 20				At 19.75 ft bgs: Limestone fossiliferous, Tan/gray, microcrystalline weathered, fractured & splintry, VF Sandy/Silt/Clay mixture filling in area around limestone
SO@ 20-21	20-24	4/4 =100%	0 0 0	24	▽			At 20.5 ft bgs: Clay, Red, m-stiff, moist-wet, plastic. At 21 ft bgs: m-Brown Clay, Saturated, very soft, Plastic At 22 ft bgs: Tan clay + gravel
				28				At 22.5 ft bgs: becomes very stiff to Hard higher silt content At 23.5 ft bgs: Silt w/ VF Sand + a little clay. Hard.

DPT-6-SO-(20-21)

DPT-6-GW-(19-24)

APPENDIX D

GPR SURVEY REPORT

Job Summary

Job Date : 9/16/2020

Customer	Tetra Tech, Inc.	**Phone Number**	(913) 645-6871

Billing Address	City	State	Zip
415 Oak St.	Kansas City	MO	64106

Job Details

Jobsite Location	3232 WASHINGTON BLVD
City	ST LOUIS
State	MO

WA Number	218293
Job Num	
PO Num	

Lead Technician	MAYBERRY, MASON	**Phone**	**Email**	mason.mayberry@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Tanks

The scope of work included scanning the designated area to attempt to locate evidence of underground storage tanks and/or UST removal excavations. The locations of any UST's, associated piping, or excavations detected were marked with paint, flags, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted. The ability to locate these objects depends on the maximum depth penetration and soil conditions and non-metallic tanks can be especially difficult to locate.

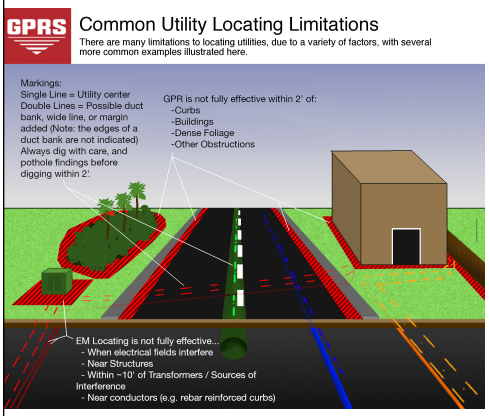
- The total area scanned was approximately 13000 square feet.
- Approximately 13,000 sq ft
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 3 feet.

Job Summary

Job Date : 9/16/2020

- Active and Passive methods were used with the rd to locate possible utilities within the designated scan areas. Gpr stroller was used for confirmation and to give approximate depths where available. All findings were marked and flagged on site and discussed with the site contact. Please stay at least 1’ off all markings for safety. Not all utilities may have been located due to size/depth ratio, abandonment/ no trace, or material of the utility. Utilities must be at least 1” in width per 1’ in depth for gpr to be effective. Gpr stroller was also used to locate possible tanks or excavation areas around the property and inside the building. One area of concern was found and was marked on site. The complete building could not be scanned due to many objects being scattered throughout the building.

Pictures



Utility Limitations

TERMS & CONDITIONS

http://www.gprsinc.com/termsandconditions.html

SIGNATURE

Contact Name

Kaitlyn Mitchell (913) 645-6871 Kaitlyn.mitchell@tetratech.com

APPENDIX E

ANALYTICAL DATA PACKAGES AND DATA VALIDATION REPORTS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 02, 2020

Kaitlyn Mitchell
Tetra Tech EMI
415 Oak
Kansas City, MO 64106

RE: Project: WE BUILDING
Pace Project No.: 60348880

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Heather M. Wilson

Heather Wilson for
Jeffrey Shopper
jeff.shopper@pacelabs.com
1(913)563-1408
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: WE BUILDING
Pace Project No.: 60348880

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: WE BUILDING
Pace Project No.: 60348880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348880001	**DPT-1-SO-(20-21)**	Solid	09/16/20 11:58	09/18/20 04:15
60348880002	**DPT-2-SO-(22-23)**	Solid	09/16/20 15:15	09/18/20 04:15
60348880003	**DPT-3-SO-(21-22)**	Solid	09/16/20 16:15	09/18/20 04:15
60348880004	**WE BUILDING-SO-TB**	Solid	09/16/20 22:38	09/18/20 04:15

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Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: WE BUILDING
Pace Project No.: 60348880

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348880001	**DPT-1-SO-(20-21)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348880002	**DPT-2-SO-(22-23)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348880003	**DPT-3-SO-(21-22)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348880004	**WE BUILDING-SO-TB**	EPA 8260B	RAD	68	PASI-K

PASI-K = Pace Analytical Services - Kansas City

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-1-SO-(20-21) **Lab ID: 60348880001** Collected: 09/16/20 11:58 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.8	1	09/22/20 13:31	09/23/20 21:23	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	28-143	1	09/22/20 13:31	09/23/20 21:23	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.9**	mg/kg	1.0	1	10/01/20 11:39	10/02/20 13:27	7440-38-2	
Barium	**133**	mg/kg	0.51	1	10/01/20 11:39	10/02/20 13:27	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	10/01/20 11:39	10/02/20 13:27	7440-43-9	
Chromium	**32.5**	mg/kg	0.51	1	10/01/20 11:39	10/02/20 13:27	7440-47-3	
Lead	**10**	mg/kg	1.0	1	10/01/20 11:39	10/02/20 13:27	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/01/20 11:39	10/02/20 13:27	7782-49-2	
Silver	ND	mg/kg	0.71	1	10/01/20 11:39	10/02/20 13:27	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.058**	mg/kg	0.048	1	09/28/20 14:40	09/29/20 12:41	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	83-32-9	
Acenaphthylene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	208-96-8	
Anthracene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	207-08-9	
Benzoic Acid	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 16:49	65-85-0	L1
Benzyl alcohol	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	85-68-7	
Carbazole	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	59-50-7	
4-Chloroaniline	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-1-SO-(20-21) **Lab ID: 60348880001** Collected: 09/16/20 11:58 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	7005-72-3	
Chrysene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	53-70-3	
Dibenzofuran	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	120-83-2	
Diethylphthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	105-67-9	
Dimethylphthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 16:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 16:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	117-81-7	
Fluoranthene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	206-44-0	
Fluorene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	77-47-4	
Hexachloroethane	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	193-39-5	
Isophorone	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	78-59-1	
2-Methylnaphthalene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	15831-10-4	
Naphthalene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	91-20-3	
2-Nitroaniline	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	88-74-4	
3-Nitroaniline	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	99-09-2	
4-Nitroaniline	ND	ug/kg	809	1	09/27/20 13:01	09/29/20 16:49	100-01-6	
Nitrobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	98-95-3	
2-Nitrophenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 16:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	86-30-6	
Pentachlorophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 16:49	87-86-5	
Phenanthrene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	85-01-8	
Phenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	108-95-2	
Pyrene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	129-00-0	
Pyridine	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-1-SO-(20-21) **Lab ID: 60348880001** Collected: 09/16/20 11:58 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	404	1	09/27/20 13:01	09/29/20 16:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	33-132	1	09/27/20 13:01	09/29/20 16:49	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/27/20 13:01	09/29/20 16:49	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/27/20 13:01	09/29/20 16:49	1718-51-0	
Phenol-d6 (S)	72	%	43-95	1	09/27/20 13:01	09/29/20 16:49	13127-88-3	
2-Fluorophenol (S)	73	%	43-96	1	09/27/20 13:01	09/29/20 16:49	367-12-4	
2,4,6-Tribromophenol (S)	76	%	41-108	1	09/27/20 13:01	09/29/20 16:49	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	17.8	1	09/25/20 15:43	09/28/20 22:54		
TPH-DRO	ND	mg/kg	17.8	1	09/25/20 15:43	09/28/20 22:54		
Surrogates								
Nitrobenzene-d5 (S)	74	%	33-132	1	09/25/20 15:43	09/28/20 22:54	4165-60-0	
2-Fluorobiphenyl (S)	82	%	39-136	1	09/25/20 15:43	09/28/20 22:54	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/25/20 15:43	09/28/20 22:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	16.7	1	09/22/20 09:57	09/22/20 12:14	67-64-1	
Benzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-27-4	
Bromoform	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-25-2	
Bromomethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 12:14	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.8	1	09/22/20 09:57	09/22/20 12:14	98-06-6	
Carbon disulfide	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	108-90-7	
Chloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-00-3	
Chloroform	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	67-66-3	
Chloromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 12:14	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-1-SO-(20-21) **Lab ID: 60348880001** Collected: 09/16/20 11:58 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	87-68-3	
2-Hexanone	ND	ug/kg	16.7	1	09/22/20 09:57	09/22/20 12:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	99-87-6	
Methylene Chloride	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 12:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	1634-04-4	
Naphthalene	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 12:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	103-65-1	
Styrene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	127-18-4	
Toluene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	108-67-8	
Vinyl chloride	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	75-01-4	
Xylene (Total)	ND	ug/kg	4.2	1	09/22/20 09:57	09/22/20 12:14	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/22/20 09:57	09/22/20 12:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 12:14	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-1-SO-(20-21) **Lab ID: 60348880001** Collected: 09/16/20 11:58 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	78-118	1	09/22/20 09:57	09/22/20 12:14	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.42	1	09/22/20 09:29	09/22/20 12:14		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/22/20 09:29	09/22/20 12:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/22/20 09:29	09/22/20 12:14	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/22/20 09:29	09/22/20 12:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**19.5**	%	0.50	1		09/23/20 13:10		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-2-SO-(22-23) **Lab ID: 60348880002** Collected: 09/16/20 15:15 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	41.0	1	09/22/20 13:31	09/23/20 21:41	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	80	%	28-143	1	09/22/20 13:31	09/23/20 21:41	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**7.1**	mg/kg	1.0	1	10/01/20 11:39	10/02/20 13:34	7440-38-2	
Barium	**154**	mg/kg	0.52	1	10/01/20 11:39	10/02/20 13:34	7440-39-3	
Cadmium	**0.54**	mg/kg	0.52	1	10/01/20 11:39	10/02/20 13:34	7440-43-9	
Chromium	**35.3**	mg/kg	0.52	1	10/01/20 11:39	10/02/20 13:34	7440-47-3	
Lead	**9.5**	mg/kg	1.0	1	10/01/20 11:39	10/02/20 13:34	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/01/20 11:39	10/02/20 13:34	7782-49-2	
Silver	ND	mg/kg	0.72	1	10/01/20 11:39	10/02/20 13:34	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.055	1	09/28/20 14:40	09/29/20 12:43	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	83-32-9	
Acenaphthylene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	208-96-8	
Anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:11	65-85-0	L1
Benzyl alcohol	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	85-68-7	
Carbazole	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	59-50-7	
4-Chloroaniline	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-2-SO-(22-23) **Lab ID: 60348880002** Collected: 09/16/20 15:15 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	7005-72-3	
Chrysene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	53-70-3	
Dibenzofuran	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	120-83-2	
Diethylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	105-67-9	
Dimethylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	117-81-7	
Fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	206-44-0	
Fluorene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	77-47-4	
Hexachloroethane	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	193-39-5	
Isophorone	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	78-59-1	
2-Methylnaphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	15831-10-4	
Naphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	91-20-3	
2-Nitroaniline	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	88-74-4	
3-Nitroaniline	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	99-09-2	
4-Nitroaniline	ND	ug/kg	830	1	09/27/20 13:01	09/29/20 17:11	100-01-6	
Nitrobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	98-95-3	
2-Nitrophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:11	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	86-30-6	
Pentachlorophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:11	87-86-5	
Phenanthrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	85-01-8	
Phenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	108-95-2	
Pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	129-00-0	
Pyridine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-2-SO-(22-23) **Lab ID: 60348880002** Collected: 09/16/20 15:15 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:11	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/27/20 13:01	09/29/20 17:11	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/27/20 13:01	09/29/20 17:11	321-60-8	
Terphenyl-d14 (S)	88	%	29-131	1	09/27/20 13:01	09/29/20 17:11	1718-51-0	
Phenol-d6 (S)	73	%	43-95	1	09/27/20 13:01	09/29/20 17:11	13127-88-3	
2-Fluorophenol (S)	69	%	43-96	1	09/27/20 13:01	09/29/20 17:11	367-12-4	
2,4,6-Tribromophenol (S)	70	%	41-108	1	09/27/20 13:01	09/29/20 17:11	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	19.2	1	09/25/20 15:43	09/28/20 23:14		
TPH-DRO	ND	mg/kg	19.2	1	09/25/20 15:43	09/28/20 23:14		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/25/20 15:43	09/28/20 23:14	4165-60-0	
2-Fluorobiphenyl (S)	85	%	39-136	1	09/25/20 15:43	09/28/20 23:14	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	09/25/20 15:43	09/28/20 23:14	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**18.9**	ug/kg	15.5	1	09/22/20 09:57	09/22/20 12:29	67-64-1	
Benzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-27-4	
Bromoform	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-25-2	
Bromomethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.7	1	09/22/20 09:57	09/22/20 12:29	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.4	1	09/22/20 09:57	09/22/20 12:29	98-06-6	
Carbon disulfide	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	108-90-7	
Chloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-00-3	
Chloroform	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	67-66-3	
Chloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	1	09/22/20 09:57	09/22/20 12:29	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	106-93-4	
Dibromomethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-2-SO-(22-23) **Lab ID: 60348880002** Collected: 09/16/20 15:15 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	87-68-3	
2-Hexanone	ND	ug/kg	15.5	1	09/22/20 09:57	09/22/20 12:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	99-87-6	
Methylene Chloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.7	1	09/22/20 09:57	09/22/20 12:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	1634-04-4	
Naphthalene	ND	ug/kg	7.7	1	09/22/20 09:57	09/22/20 12:29	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	103-65-1	
Styrene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	127-18-4	
Toluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	108-67-8	
Vinyl chloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	75-01-4	
Xylene (Total)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 12:29	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/22/20 09:57	09/22/20 12:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 12:29	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-2-SO-(22-23) **Lab ID: 60348880002** Collected: 09/16/20 15:15 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	78-118	1	09/22/20 09:57	09/22/20 12:29	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.39	1	09/22/20 09:29	09/22/20 12:29		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/22/20 09:29	09/22/20 12:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/22/20 09:29	09/22/20 12:29	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-123	1	09/22/20 09:29	09/22/20 12:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**21.9**	%	0.50	1		09/23/20 13:10		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-3-SO-(21-22) **Lab ID: 60348880003** Collected: 09/16/20 16:15 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	41.6	1	09/22/20 13:31	09/23/20 21:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81	%	28-143	1	09/22/20 13:31	09/23/20 21:59	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**9.4**	mg/kg	0.90	1	10/01/20 11:39	10/02/20 13:37	7440-38-2	
Barium	**74.5**	mg/kg	0.45	1	10/01/20 11:39	10/02/20 13:37	7440-39-3	
Cadmium	**0.99**	mg/kg	0.45	1	10/01/20 11:39	10/02/20 13:37	7440-43-9	
Chromium	**51.5**	mg/kg	0.45	1	10/01/20 11:39	10/02/20 13:37	7440-47-3	
Lead	**9.2**	mg/kg	0.90	1	10/01/20 11:39	10/02/20 13:37	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/01/20 11:39	10/02/20 13:37	7782-49-2	
Silver	ND	mg/kg	0.63	1	10/01/20 11:39	10/02/20 13:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.053	1	09/28/20 14:40	09/29/20 12:45	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	83-32-9	
Acenaphthylene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	208-96-8	
Anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:32	65-85-0	L1
Benzyl alcohol	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	85-68-7	
Carbazole	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	59-50-7	
4-Chloroaniline	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-3-SO-(21-22) **Lab ID: 60348880003** Collected: 09/16/20 16:15 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	7005-72-3	
Chrysene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	53-70-3	
Dibenzofuran	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	120-83-2	
Diethylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	105-67-9	
Dimethylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	117-81-7	
Fluoranthene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	206-44-0	
Fluorene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	77-47-4	
Hexachloroethane	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	193-39-5	
Isophorone	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	15831-10-4	
Naphthalene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	91-20-3	
2-Nitroaniline	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	88-74-4	
3-Nitroaniline	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	99-09-2	
4-Nitroaniline	ND	ug/kg	831	1	09/27/20 13:01	09/29/20 17:32	100-01-6	
Nitrobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	98-95-3	
2-Nitrophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	86-30-6	
Pentachlorophenol	ND	ug/kg	2100	1	09/27/20 13:01	09/29/20 17:32	87-86-5	
Phenanthrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	85-01-8	
Phenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	108-95-2	
Pyrene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	129-00-0	
Pyridine	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-3-SO-(21-22) **Lab ID: 60348880003** Collected: 09/16/20 16:15 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	415	1	09/27/20 13:01	09/29/20 17:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	33-132	1	09/27/20 13:01	09/29/20 17:32	4165-60-0	
2-Fluorobiphenyl (S)	82	%	39-136	1	09/27/20 13:01	09/29/20 17:32	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/27/20 13:01	09/29/20 17:32	1718-51-0	
Phenol-d6 (S)	77	%	43-95	1	09/27/20 13:01	09/29/20 17:32	13127-88-3	
2-Fluorophenol (S)	77	%	43-96	1	09/27/20 13:01	09/29/20 17:32	367-12-4	
2,4,6-Tribromophenol (S)	77	%	41-108	1	09/27/20 13:01	09/29/20 17:32	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	18.8	1	09/25/20 15:43	09/29/20 00:13		
TPH-DRO	ND	mg/kg	18.8	1	09/25/20 15:43	09/29/20 00:13		
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	09/25/20 15:43	09/29/20 00:13	4165-60-0	
2-Fluorobiphenyl (S)	86	%	39-136	1	09/25/20 15:43	09/29/20 00:13	321-60-8	
Terphenyl-d14 (S)	85	%	29-131	1	09/25/20 15:43	09/29/20 00:13	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	13.8	1	09/22/20 09:57	09/22/20 12:45	67-64-1	
Benzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-27-4	
Bromoform	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.9	1	09/22/20 09:57	09/22/20 12:45	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.2	1	09/22/20 09:57	09/22/20 12:45	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-00-3	
Chloroform	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	09/22/20 09:57	09/22/20 12:45	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-3-SO-(21-22) **Lab ID: 60348880003** Collected: 09/16/20 16:15 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	87-68-3	
2-Hexanone	ND	ug/kg	13.8	1	09/22/20 09:57	09/22/20 12:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.9	1	09/22/20 09:57	09/22/20 12:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1	09/22/20 09:57	09/22/20 12:45	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	103-65-1	
Styrene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	127-18-4	
Toluene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	09/22/20 09:57	09/22/20 12:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/22/20 09:57	09/22/20 12:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 12:45	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: DPT-3-SO-(21-22) **Lab ID: 60348880003** Collected: 09/16/20 16:15 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	78-118	1	09/22/20 09:57	09/22/20 12:45	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.34	1	09/22/20 09:29	09/22/20 12:45		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/22/20 09:29	09/22/20 12:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/22/20 09:29	09/22/20 12:45	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	09/22/20 09:29	09/22/20 12:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**20.7**	%	0.50	1		09/23/20 17:02		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: WE BUILDING-SO-TB **Lab ID: 60348880004** Collected: 09/16/20 22:38 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	20.0	1	09/22/20 09:57	09/22/20 15:05	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/22/20 09:57	09/22/20 15:05	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/22/20 09:57	09/22/20 15:05	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/22/20 09:57	09/22/20 15:05	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/22/20 09:57	09/22/20 15:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-09-2	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348880

Sample: WE BUILDING-SO-TB **Lab ID: 60348880004** Collected: 09/16/20 22:38 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	1	09/22/20 09:57	09/22/20 15:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/22/20 09:57	09/22/20 15:05	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	127-18-4	
Toluene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/22/20 09:57	09/22/20 15:05	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/22/20 09:57	09/22/20 15:05	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 15:05	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	78-118	1	09/22/20 09:57	09/22/20 15:05	17060-07-0	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 679313
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2746899 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	09/29/20 12:20	

LABORATORY CONTROL SAMPLE: 2746900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746901 2746902

Parameter	Units	60348842021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.021J	0.52	0.51	0.50	0.48	92	91	75-125	4	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 680128
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2749566 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/02/20 13:23	
Barium	mg/kg	ND	0.50	10/02/20 13:23	
Cadmium	mg/kg	ND	0.50	10/02/20 13:23	
Chromium	mg/kg	ND	0.50	10/02/20 13:23	
Lead	mg/kg	ND	1.0	10/02/20 13:23	
Selenium	mg/kg	ND	1.5	10/02/20 13:23	
Silver	mg/kg	ND	0.70	10/02/20 13:23	

LABORATORY CONTROL SAMPLE: 2749567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.4	96	80-120	
Barium	mg/kg	100	100	100	80-120	
Cadmium	mg/kg	100	95.4	95	80-120	
Chromium	mg/kg	100	99.3	99	80-120	
Lead	mg/kg	100	101	101	80-120	
Selenium	mg/kg	100	93.3	93	80-120	
Silver	mg/kg	50	48.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749568 2749569

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.9	98.6	107	91.3	98.1	87	86	75-125	7	20	
Barium	mg/kg	133	98.6	107	245	224	114	85	75-125	9	20	
Cadmium	mg/kg	ND	98.6	107	86.2	93.4	87	87	75-125	8	20	
Chromium	mg/kg	32.5	98.6	107	126	131	95	92	75-125	4	20	
Lead	mg/kg	10	98.6	107	94.6	102	86	86	75-125	7	20	
Selenium	mg/kg	ND	98.6	107	81.5	89.0	83	83	75-125	9	20	
Silver	mg/kg	ND	49.3	53.5	46.3	49.9	93	92	75-125	7	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678123
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003, 60348880004

METHOD BLANK: 2742283
Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003, 60348880004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/22/20 09:22	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
2,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
2-Butanone (MEK)	ug/kg	ND	10.0	09/22/20 09:22	
2-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
2-Hexanone	ug/kg	ND	20.0	09/22/20 09:22	
4-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/22/20 09:22	
Acetone	ug/kg	ND	20.0	09/22/20 09:22	
Benzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromodichloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromoform	ug/kg	ND	5.0	09/22/20 09:22	
Bromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Carbon disulfide	ug/kg	ND	5.0	09/22/20 09:22	
Carbon tetrachloride	ug/kg	ND	5.0	09/22/20 09:22	
Chlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Chloroethane	ug/kg	ND	5.0	09/22/20 09:22	
Chloroform	ug/kg	ND	5.0	09/22/20 09:22	
Chloromethane	ug/kg	ND	5.0	09/22/20 09:22	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

METHOD BLANK: 2742283 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003, 60348880004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Dibromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Dibromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Ethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/22/20 09:22	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/22/20 09:22	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/22/20 09:22	
Methylene Chloride	ug/kg	ND	5.0	09/22/20 09:22	
n-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
n-Propylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Naphthalene	ug/kg	ND	10.0	09/22/20 09:22	
p-Isopropyltoluene	ug/kg	ND	5.0	09/22/20 09:22	
sec-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Styrene	ug/kg	ND	5.0	09/22/20 09:22	
tert-Butylbenzene	ug/kg	ND	25.0	09/22/20 09:22	
Tetrachloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Toluene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Trichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Trichlorofluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Vinyl chloride	ug/kg	ND	5.0	09/22/20 09:22	
Xylene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	78-118	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	85-115	09/22/20 09:22	
Toluene-d8 (S)	%	101	80-120	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	103	103	84-125	
1,1,1-Trichloroethane	ug/kg	100	102	102	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	95.5	95	76-121	
1,1,2-Trichloroethane	ug/kg	100	101	101	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	103	103	71-124	
1,1-Dichloropropene	ug/kg	100	90.9	91	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	102	102	81-123	
1,2,3-Trichloropropane	ug/kg	100	97.1	97	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	104	104	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	104	104	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.0	93	74-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	101	101	64-137	
1,2-Dichlorobenzene	ug/kg	100	102	102	83-119	
1,2-Dichloroethane	ug/kg	100	92.7	93	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	203	101	82-117	
1,2-Dichloropropane	ug/kg	100	98.8	99	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	106	106	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	101	101	83-118	
1,4-Dichlorobenzene	ug/kg	100	96.5	97	83-116	
2,2-Dichloropropane	ug/kg	100	104	104	76-124	
2-Butanone (MEK)	ug/kg	500	468	94	63-122	
2-Chlorotoluene	ug/kg	100	103	103	79-119	
2-Hexanone	ug/kg	500	480	96	68-122	
4-Chlorotoluene	ug/kg	100	103	103	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	473	95	63-128	
Acetone	ug/kg	500	435	87	55-124	
Benzene	ug/kg	100	96.8	97	67-126	
Bromobenzene	ug/kg	100	102	102	85-117	
Bromochloromethane	ug/kg	100	101	101	78-122	
Bromodichloromethane	ug/kg	100	101	101	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	86.2	86	20-168	
Carbon disulfide	ug/kg	100	118	118	60-133	
Carbon tetrachloride	ug/kg	100	109	109	79-128	
Chlorobenzene	ug/kg	100	102	102	84-118	
Chloroethane	ug/kg	100	90.0	90	53-139	
Chloroform	ug/kg	100	99.8	100	82-120	
Chloromethane	ug/kg	100	66.6	67	33-143	
cis-1,2-Dichloroethene	ug/kg	100	99.3	99	83-117	
cis-1,3-Dichloropropene	ug/kg	100	99.6	100	80-122	
Dibromochloromethane	ug/kg	100	109	109	82-128	
Dibromomethane	ug/kg	100	98.2	98	82-119	
Dichlorodifluoromethane	ug/kg	100	44.9	45	12-159	
Ethylbenzene	ug/kg	100	103	103	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	108	108	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	103	103	83-122	
Methyl-tert-butyl ether	ug/kg	100	95.6	96	58-137	
Methylene Chloride	ug/kg	100	92.7	93	68-125	
n-Butylbenzene	ug/kg	100	113	113	73-131	
n-Propylbenzene	ug/kg	100	105	105	82-122	
Naphthalene	ug/kg	100	103	103	60-136	
p-Isopropyltoluene	ug/kg	100	97.3	97	74-129	
sec-Butylbenzene	ug/kg	100	116	116	71-133	
Styrene	ug/kg	100	107	107	84-121	
tert-Butylbenzene	ug/kg	100	105	105	81-122	
Tetrachloroethene	ug/kg	100	110	110	78-130	
Toluene	ug/kg	100	102	102	80-118	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	104	104	78-118	
trans-1,3-Dichloropropene	ug/kg	100	107	107	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	104	104	64-133	
Vinyl chloride	ug/kg	100	78.9	79	45-139	
Xylene (Total)	ug/kg	300	310	103	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			98	85-115	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678110
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2742244 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	80-123	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	69-133	09/22/20 09:22	
Toluene-d8 (S)	%	101	78-122	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.3	83	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			102	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742246 2742247

Parameter	Units	60348931001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane-d4 (S)	%						106	75	80-123			IO,S0
4-Bromofluorobenzene (S)	%						98	121	69-133			
Toluene-d8 (S)	%						100	118	78-122			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678177
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2742474 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.2	09/23/20 14:14	
Decachlorobiphenyl (S)	%	88	28-143	09/23/20 14:14	

LABORATORY CONTROL SAMPLE: 2742475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	110	68	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	163	112	69	56-128	
Decachlorobiphenyl (S)	%			65	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742476 2742477

Parameter	Units	60348887001 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	194	196	167	165	86	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	194	196	162	162	84	83	30-141	0	40	
Decachlorobiphenyl (S)	%						79	78	28-143			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678954
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,2-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,3-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,4-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
2,4,5-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dimethylphenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dinitrophenol	ug/kg	ND	1660	09/29/20 12:55	
2,4-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2,6-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2-Chloronaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Chlorophenol	ug/kg	ND	327	09/29/20 12:55	
2-Methylnaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Methylphenol(o-Cresol)	ug/kg	ND	327	09/29/20 12:55	
2-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
2-Nitrophenol	ug/kg	ND	327	09/29/20 12:55	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	327	09/29/20 12:55	
3,3'-Dichlorobenzidine	ug/kg	ND	654	09/29/20 12:55	
3-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1660	09/29/20 12:55	
4-Bromophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Chloro-3-methylphenol	ug/kg	ND	654	09/29/20 12:55	
4-Chloroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Chlorophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Nitrophenol	ug/kg	ND	1660	09/29/20 12:55	
Acenaphthene	ug/kg	ND	327	09/29/20 12:55	
Acenaphthylene	ug/kg	ND	327	09/29/20 12:55	
Anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)pyrene	ug/kg	ND	327	09/29/20 12:55	
Benzo(b)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzo(g,h,i)perylene	ug/kg	ND	327	09/29/20 12:55	
Benzo(k)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzoic Acid	ug/kg	ND	1660	09/29/20 12:55	
Benzyl alcohol	ug/kg	ND	654	09/29/20 12:55	
bis(2-Chloroethoxy)methane	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroethyl) ether	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroisopropyl) ether	ug/kg	ND	327	09/29/20 12:55	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	327	09/29/20 12:55	
Butylbenzylphthalate	ug/kg	ND	327	09/29/20 12:55	
Carbazole	ug/kg	ND	327	09/29/20 12:55	
Chrysene	ug/kg	ND	327	09/29/20 12:55	
Di-n-butylphthalate	ug/kg	ND	327	09/29/20 12:55	
Di-n-octylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dibenz(a,h)anthracene	ug/kg	ND	327	09/29/20 12:55	
Dibenzofuran	ug/kg	ND	327	09/29/20 12:55	
Diethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dimethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Fluorene	ug/kg	ND	327	09/29/20 12:55	
Hexachloro-1,3-butadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorobenzene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorocyclopentadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachloroethane	ug/kg	ND	327	09/29/20 12:55	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	327	09/29/20 12:55	
Isophorone	ug/kg	ND	327	09/29/20 12:55	
N-Nitroso-di-n-propylamine	ug/kg	ND	327	09/29/20 12:55	
N-Nitrosodiphenylamine	ug/kg	ND	327	09/29/20 12:55	
Naphthalene	ug/kg	ND	327	09/29/20 12:55	
Nitrobenzene	ug/kg	ND	327	09/29/20 12:55	
Pentachlorophenol	ug/kg	ND	1660	09/29/20 12:55	
Phenanthrene	ug/kg	ND	327	09/29/20 12:55	
Phenol	ug/kg	ND	327	09/29/20 12:55	
Pyrene	ug/kg	ND	327	09/29/20 12:55	
Pyridine	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Tribromophenol (S)	%	78	41-108	09/29/20 12:55	
2-Fluorobiphenyl (S)	%	90	39-136	09/29/20 12:55	
2-Fluorophenol (S)	%	77	43-96	09/29/20 12:55	
Nitrobenzene-d5 (S)	%	86	33-132	09/29/20 12:55	
Phenol-d6 (S)	%	81	43-95	09/29/20 12:55	
Terphenyl-d14 (S)	%	93	29-131	09/29/20 12:55	

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1590	1270	80	52-104	
1,2-Dichlorobenzene	ug/kg	1590	1220	77	51-99	
1,3-Dichlorobenzene	ug/kg	1590	1200	75	48-102	
1,4-Dichlorobenzene	ug/kg	1590	1220	77	49-101	
2,4,5-Trichlorophenol	ug/kg	1590	1420	89	58-109	
2,4,6-Trichlorophenol	ug/kg	1590	1380	87	56-109	
2,4-Dichlorophenol	ug/kg	1590	1290	81	54-106	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1590	941	59	49-104	
2,4-Dinitrophenol	ug/kg	1590	1060J	67	26-119	
2,4-Dinitrotoluene	ug/kg	1590	1390	88	60-109	
2,6-Dinitrotoluene	ug/kg	1590	1380	87	59-109	
2-Chloronaphthalene	ug/kg	1590	1330	84	56-104	
2-Chlorophenol	ug/kg	1590	1260	80	56-98	
2-Methylnaphthalene	ug/kg	1590	1340	84	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1590	1240	78	52-102	
2-Nitroaniline	ug/kg	1590	1350	85	54-113	
2-Nitrophenol	ug/kg	1590	1260	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1590	1190	75	52-102	
3,3'-Dichlorobenzidine	ug/kg	1590	625J	39	19-126	
3-Nitroaniline	ug/kg	1590	792	50	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1590	1100J	69	37-117	
4-Bromophenylphenyl ether	ug/kg	1590	1330	84	60-106	
4-Chloro-3-methylphenol	ug/kg	1590	1350	85	55-107	
4-Chloroaniline	ug/kg	1590	472J	30	10-116	
4-Chlorophenylphenyl ether	ug/kg	1590	1350	85	56-107	
4-Nitroaniline	ug/kg	1590	1180	75	52-113	
4-Nitrophenol	ug/kg	1590	1380J	87	53-114	
Acenaphthene	ug/kg	1590	1400	88	55-105	
Acenaphthylene	ug/kg	1590	1440	90	57-105	
Anthracene	ug/kg	1590	1310	83	59-106	
Benzo(a)anthracene	ug/kg	1590	1350	85	59-109	
Benzo(a)pyrene	ug/kg	1590	1310	83	59-109	
Benzo(b)fluoranthene	ug/kg	1590	1360	85	56-112	
Benzo(g,h,i)perylene	ug/kg	1590	1360	86	57-109	
Benzo(k)fluoranthene	ug/kg	1590	1380	87	57-107	
Benzoic Acid	ug/kg	1590	1960	123	10-96	L1
Benzyl alcohol	ug/kg	1590	1260	79	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1590	1260	80	52-102	
bis(2-Chloroethyl) ether	ug/kg	1590	1240	78	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1590	1260	80	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1590	1400	88	61-113	
Butylbenzylphthalate	ug/kg	1590	1360	85	62-110	
Carbazole	ug/kg	1590	1350	85	60-106	
Chrysene	ug/kg	1590	1390	88	58-108	
Di-n-butylphthalate	ug/kg	1590	1370	86	61-110	
Di-n-octylphthalate	ug/kg	1590	1450	91	58-114	
Dibenz(a,h)anthracene	ug/kg	1590	1420	90	57-109	
Dibenzofuran	ug/kg	1590	1390	87	56-106	
Diethylphthalate	ug/kg	1590	1370	86	57-107	
Dimethylphthalate	ug/kg	1590	1380	87	55-106	
Fluoranthene	ug/kg	1590	1310	82	60-109	
Fluorene	ug/kg	1590	1350	85	56-107	
Hexachloro-1,3-butadiene	ug/kg	1590	1300	82	50-106	
Hexachlorobenzene	ug/kg	1590	1290	81	56-107	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1590	1290	81	18-118	
Hexachloroethane	ug/kg	1590	1160	73	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1590	1410	89	58-108	
Isophorone	ug/kg	1590	1300	82	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1590	1200	76	50-101	
N-Nitrosodiphenylamine	ug/kg	1590	1340	84	58-107	
Naphthalene	ug/kg	1590	1280	80	51-103	
Nitrobenzene	ug/kg	1590	1290	81	51-104	
Pentachlorophenol	ug/kg	1590	887J	56	43-123	
Phenanthrene	ug/kg	1590	1340	84	58-106	
Phenol	ug/kg	1590	1260	79	53-101	
Pyrene	ug/kg	1590	1390	88	60-108	
Pyridine	ug/kg	1590	802	51	33-72	
2,4,6-Tribromophenol (S)	%			83	41-108	
2-Fluorobiphenyl (S)	%			87	39-136	
2-Fluorophenol (S)	%			75	43-96	
Nitrobenzene-d5 (S)	%			83	33-132	
Phenol-d6 (S)	%			75	43-95	
Terphenyl-d14 (S)	%			90	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2040	2000	1550	1600	76	80	42-102	3	26	
1,2-Dichlorobenzene	ug/kg	ND	2040	2000	1560	1540	77	77	45-96	1	31	
1,3-Dichlorobenzene	ug/kg	ND	2040	2000	1490	1510	73	75	44-95	1	31	
1,4-Dichlorobenzene	ug/kg	ND	2040	2000	1510	1520	74	76	45-95	1	30	
2,4,5-Trichlorophenol	ug/kg	ND	2040	2000	1650	1720	81	86	47-109	4	31	
2,4,6-Trichlorophenol	ug/kg	ND	2040	2000	1670	1720	82	86	14-133	3	31	
2,4-Dichlorophenol	ug/kg	ND	2040	2000	1630	1670	80	83	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	2040	2000	1670	1700	82	85	22-113	2	32	
2,4-Dinitrophenol	ug/kg	ND	2040	2000	745J	842J	37	42	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	2040	2000	1620	1720	80	86	10-133	6	32	
2,6-Dinitrotoluene	ug/kg	ND	2040	2000	1650	1730	81	86	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	2040	2000	1620	1690	80	85	47-105	4	28	
2-Chlorophenol	ug/kg	ND	2040	2000	1600	1650	78	83	44-100	3	31	
2-Methylnaphthalene	ug/kg	ND	2040	2000	1640	1680	81	84	43-104	2	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	2040	2000	1620	1610	80	80	37-105	1	32	
2-Nitroaniline	ug/kg	ND	2040	2000	1720	1740	84	87	44-117	1	28	
2-Nitrophenol	ug/kg	ND	2040	2000	1620	1670	80	83	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2040	2000	1640	1620	81	81	35-108	1	30	
3,3'-Dichlorobenzidine	ug/kg	ND	2040	2000	287J	525J	14	26	10-133		39	
3-Nitroaniline	ug/kg	ND	2040	2000	1340	1440	66	72	10-124	7	27	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,6-Dinitro-2-methylphenol	ug/kg	ND	2040	2000	1240J	1310J	61	65	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	2040	2000	1750	1740	86	87	47-109	0	33	
4-Chloro-3-methylphenol	ug/kg	ND	2040	2000	1700	1700	83	85	42-109	0	30	
4-Chloroaniline	ug/kg	ND	2040	2000	826	815	41	41	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	2040	2000	1640	1680	81	84	46-106	3	33	
4-Nitroaniline	ug/kg	ND	2040	2000	1140	1220	56	61	11-126	7	47	
4-Nitrophenol	ug/kg	ND	2040	2000	1640J	1820J	81	91	18-130		35	
Acenaphthene	ug/kg	ND	2040	2000	1690	1730	83	87	44-104	3	23	
Acenaphthylene	ug/kg	ND	2040	2000	1710	1800	84	90	47-102	5	29	
Anthracene	ug/kg	ND	2040	2000	1710	1740	84	87	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	2040	2000	1700	1710	83	85	10-139	0	32	
Benzo(a)pyrene	ug/kg	ND	2040	2000	1640	1710	80	85	12-132	4	33	
Benzo(b)fluoranthene	ug/kg	ND	2040	2000	1590	1720	78	86	12-136	8	37	
Benzo(g,h,i)perylene	ug/kg	ND	2040	2000	1490	1710	73	85	22-119	14	41	
Benzo(k)fluoranthene	ug/kg	ND	2040	2000	1700	1750	83	87	32-113	3	32	
Benzoic Acid	ug/kg	ND	2040	2000	1470J	1440J	72	72	10-101		35	
Benzyl alcohol	ug/kg	ND	2040	2000	1610	1630	79	81	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	2040	2000	1590	1630	78	81	41-100	2	29	
bis(2-Chloroethyl) ether	ug/kg	ND	2040	2000	1590	1620	78	81	46-100	2	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	2040	2000	1630	1560	80	78	40-99	4	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2040	2000	1740	1800	85	90	24-141	3	33	
Butylbenzylphthalate	ug/kg	ND	2040	2000	1730	1730	85	87	41-131	0	33	
Carbazole	ug/kg	ND	2040	2000	1700	1690	84	85	41-107	0	30	
Chrysene	ug/kg	ND	2040	2000	1730	1740	85	87	10-137	1	31	
Di-n-butylphthalate	ug/kg	ND	2040	2000	1760	1800	87	90	41-118	2	31	
Di-n-octylphthalate	ug/kg	ND	2040	2000	1740	1840	85	92	40-138	6	29	
Dibenz(a,h)anthracene	ug/kg	ND	2040	2000	1510	1740	74	87	23-122	14	35	
Dibenzofuran	ug/kg	ND	2040	2000	1640	1710	81	85	49-101	4	28	
Diethylphthalate	ug/kg	ND	2040	2000	1680	1710	82	85	42-107	2	31	
Dimethylphthalate	ug/kg	ND	2040	2000	1660	1710	82	86	37-108	3	30	
Fluoranthene	ug/kg	ND	2040	2000	1770	1710	87	85	10-139	3	32	
Fluorene	ug/kg	ND	2040	2000	1610	1700	79	85	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	2040	2000	1600	1620	79	81	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	2040	2000	1760	1740	87	87	46-105	1	31	
Hexachlorocyclopentadiene	ug/kg	ND	2040	2000	1090	1210	54	60	10-111	10	61	
Hexachloroethane	ug/kg	ND	2040	2000	1530	1520	75	76	11-119	0	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2040	2000	1480	1750	72	87	21-120	17	38	
Isophorone	ug/kg	ND	2040	2000	1630	1650	80	82	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	2040	2000	1610	1590	79	79	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	2040	2000	1520	1650	75	82	41-108	8	36	
Naphthalene	ug/kg	ND	2040	2000	1600	1600	78	80	40-105	0	31	
Nitrobenzene	ug/kg	ND	2040	2000	1640	1630	80	82	35-106	0	29	
Pentachlorophenol	ug/kg	ND	2040	2000	1570J	1590J	77	80	10-144		35	
Phenanthrene	ug/kg	ND	2040	2000	1690	1740	83	86	43-108	3	29	
Phenol	ug/kg	ND	2040	2000	1610	1630	79	81	38-102	1	29	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pyrene	ug/kg	ND	2040	2000	1780	1730	87	86	10-147	3	38	
Pyridine	ug/kg	ND	2040	2000	893	910	44	46	10-79	2	35	
2,4,6-Tribromophenol (S)	%						79	84	41-108			
2-Fluorobiphenyl (S)	%						81	83	39-136			
2-Fluorophenol (S)	%						73	75	43-96			
Nitrobenzene-d5 (S)	%						83	82	33-132			
Phenol-d6 (S)	%						74	74	43-95			
Terphenyl-d14 (S)	%						90	87	29-131			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678956
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002, 60348880003

METHOD BLANK: 2745200 Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002, 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.9	09/28/20 22:14	
TPH-ORO	mg/kg	ND	14.9	09/28/20 22:14	
2-Fluorobiphenyl (S)	%	88	39-136	09/28/20 22:14	
Nitrobenzene-d5 (S)	%	79	33-132	09/28/20 22:14	
Terphenyl-d14 (S)	%	88	29-131	09/28/20 22:14	

LABORATORY CONTROL SAMPLE: 2745201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	328	249	76	39-122	
TPH-ORO	mg/kg		12.7J			
2-Fluorobiphenyl (S)	%			87	39-136	
Nitrobenzene-d5 (S)	%			82	33-132	
Terphenyl-d14 (S)	%			86	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745202 2745203

Parameter	Units	60348880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO	mg/kg	ND	424	406	313	312	74	77	12-137	0	38	
TPH-ORO	mg/kg	ND			17.9J	19.8					51	
2-Fluorobiphenyl (S)	%						80	83	39-136			
Nitrobenzene-d5 (S)	%						76	81	33-132			
Terphenyl-d14 (S)	%						78	82	29-131			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678461
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880001, 60348880002

METHOD BLANK: 2743311
Matrix: Solid
Associated Lab Samples: 60348880001, 60348880002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/23/20 13:10	

SAMPLE DUPLICATE: 2743312

Parameter	Units	60348803001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.8	15.1	2	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348880

QC Batch: 678462
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348880003

METHOD BLANK: 2743318
Matrix: Solid
Associated Lab Samples: 60348880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/23/20 17:02	

SAMPLE DUPLICATE: 2743319

Parameter	Units	60348880003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	21.5	3	20	

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QUALIFIERS

Project: WE BUILDING
Pace Project No.: 60348880

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.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WE BUILDING
Pace Project No.: 60348880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348880001	**DPT-1-SO-(20-21)**	EPA 3546	678177	EPA 8082	678556
60348880002	**DPT-2-SO-(22-23)**	EPA 3546	678177	EPA 8082	678556
60348880003	**DPT-3-SO-(21-22)**	EPA 3546	678177	EPA 8082	678556
60348880001	**DPT-1-SO-(20-21)**	EPA 3050	680128	EPA 6010	680456
60348880002	**DPT-2-SO-(22-23)**	EPA 3050	680128	EPA 6010	680456
60348880003	**DPT-3-SO-(21-22)**	EPA 3050	680128	EPA 6010	680456
60348880001	**DPT-1-SO-(20-21)**	EPA 7471	679313	EPA 7471	679470
60348880002	**DPT-2-SO-(22-23)**	EPA 7471	679313	EPA 7471	679470
60348880003	**DPT-3-SO-(21-22)**	EPA 7471	679313	EPA 7471	679470
60348880001	**DPT-1-SO-(20-21)**	EPA 3546	678954	EPA 8270	679637
60348880002	**DPT-2-SO-(22-23)**	EPA 3546	678954	EPA 8270	679637
60348880003	**DPT-3-SO-(21-22)**	EPA 3546	678954	EPA 8270	679637
60348880001	**DPT-1-SO-(20-21)**	EPA 3546	678956	EPA 8270	679490
60348880002	**DPT-2-SO-(22-23)**	EPA 3546	678956	EPA 8270	679490
60348880003	**DPT-3-SO-(21-22)**	EPA 3546	678956	EPA 8270	679490
60348880001	**DPT-1-SO-(20-21)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348880002	**DPT-2-SO-(22-23)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348880003	**DPT-3-SO-(21-22)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348880004	**WE BUILDING-SO-TB**	EPA 5035A/5030	678123	EPA 8260B	678138
60348880001	**DPT-1-SO-(20-21)**	EPA 5035	678110	EPA 8260	678137
60348880002	**DPT-2-SO-(22-23)**	EPA 5035	678110	EPA 8260	678137
60348880003	**DPT-3-SO-(21-22)**	EPA 5035	678110	EPA 8260	678137
60348880001	**DPT-1-SO-(20-21)**	ASTM D2974	678461		
60348880002	**DPT-2-SO-(22-23)**	ASTM D2974	678461		
60348880003	**DPT-3-SO-(21-22)**	ASTM D2974	678462		

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Sample Condition Upon Receipt

WO# : 60348880

60348880

Client Name: Tetra Tech

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☑ Client ☐ Other ☐

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☑

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

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

Thermometer Used: T-299 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 2.2 **Corr. Factor** +0.2 **Corrected** 2.4

Date and initials of person examining contents: pw 9/19/20

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
~~**Short Hold Time analyses (<72hr):**~~	~~☐Yes ☑No ☐N/A~~	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☑N/A	
Samples from USDA Regulated Area: State: KS	☐Yes ☑No ☐N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☑No ☐N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jeffrey Shopper Date: _____

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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.

Complete

Page: 1 of 1

Section A
Required Client Information:

Company:	Tetra Tech EMI
Address:	415 Oak
	Kansas City, MO 64106
Email To:	kaitlyn.mitchell@tetratech.com
Phone: (816) 412-1742	Fax: (816) 410-1748
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Kaitlyn Mitchell
Copy To:	
Purchase Order No.:	
Project Name:	WE Building
Project Number:	

Section C
Invoice Information:

Attention:	Kaitlyn Mitchell
Company Name:	Tetra Tech EMI
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jeffrey Shopper 913-563-1408
Pace Profile #:	`8083

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: KS

Section D
Required Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	COMPOSITE END/GRAB DATE	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)	8082 PCBs	8270 DRO/ORO	RCRA 8 Metals	8270 SVOCs	8260 VOCs	8260 GRO							Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	DPT-1-SO-(20-21)	SL	G			9/16	1158		7	4						1	2		X	X	X	X	X	X	Diesel	2U694	A654	3J6Fu				
2	DPT-2-SO-(22-23)	SL	G				1515		7	4						1	2		X	X	X	X	X	X								
3	DPT-3-SO-(21-22)	SL	G				1615		7	4						1	2		X	X	X	X	X	X								
4	~~SL DPT-4-SO-(5-7)-FD~~	~~SL~~	~~G~~				~~1645~~		~~7~~	~~4~~						~~1~~	~~2~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~								
5	~~SL DPT-4-SO-(5-7)~~	~~SL~~	~~G~~				~~1645~~		~~7~~	~~4~~						~~1~~	~~2~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~								
6	WE Building-SO-TB	WT	G			9/16/20	2238		2				2										X									2U694
7																																
8																																
9																																
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Stephanie Caples	9/17/20	0755	[signature] PASL	9/18	0415	2.4	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephanie Caples

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/17/20

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.08, 12-Oct-2007

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 02, 2020

Kaitlyn Mitchell
Tetra Tech EMI
415 Oak
Kansas City, MO 64106

RE: Project: WE BUILDING
Pace Project No.: 60348883

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Heather M. Wilson

Heather Wilson for
Jeffrey Shopper
jeff.shopper@pacelabs.com
1(913)563-1408
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
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CERTIFICATIONS

Project: WE BUILDING
Pace Project No.: 60348883

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: WE BUILDING
Pace Project No.: 60348883

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348883001	**DPT-5-SO-(19-20)**	Solid	09/16/20 18:18	09/18/20 04:15
60348883002	**DPT-6-SO-(20-21)**	Solid	09/16/20 19:38	09/18/20 04:15
60348883003	**DPT-1-GW-(20-25)**	Water	09/16/20 12:10	09/18/20 04:15
60348883004	**WE BUILDING-FB**	Water	09/16/20 23:00	09/18/20 04:15
60348883005	**WE BUILDING-GW-TB4**	Water	09/16/20 22:50	09/18/20 04:15

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SAMPLE ANALYTE COUNT

Project: WE BUILDING
Pace Project No.: 60348883

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348883001	**DPT-5-SO-(19-20)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348883002	**DPT-6-SO-(20-21)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348883003	**DPT-1-GW-(20-25)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60348883004	**WE BUILDING-FB**	EPA 5030B/8260	PGH	69	PASI-K
60348883005	**WE BUILDING-GW-TB4**	EPA 5030B/8260	PGH	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-5-SO-(19-20) **Lab ID: 60348883001** Collected: 09/16/20 18:18 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.6	1	09/22/20 13:31	09/23/20 22:17	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81	%	28-143	1	09/22/20 13:31	09/23/20 22:17	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**6.4**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:44	7440-38-2	
Barium	**140**	mg/kg	0.54	1	10/01/20 11:39	10/02/20 13:44	7440-39-3	
Cadmium	**0.64**	mg/kg	0.54	1	10/01/20 11:39	10/02/20 13:44	7440-43-9	
Chromium	**33.9**	mg/kg	0.54	1	10/01/20 11:39	10/02/20 13:44	7440-47-3	
Lead	**10.4**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:44	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/01/20 11:39	10/02/20 13:44	7782-49-2	
Silver	ND	mg/kg	0.75	1	10/01/20 11:39	10/02/20 13:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.060	1	09/28/20 14:40	09/29/20 12:48	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	83-32-9	
Acenaphthylene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	208-96-8	
Anthracene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	207-08-9	
Benzoic Acid	ND	ug/kg	2040	1	09/27/20 13:01	09/29/20 17:54	65-85-0	L1
Benzyl alcohol	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	85-68-7	
Carbazole	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	59-50-7	
4-Chloroaniline	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	108-60-1	
2-Chloronaphthalene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	91-58-7	

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(913)599-5665

ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-5-SO-(19-20) **Lab ID: 60348883001** Collected: 09/16/20 18:18 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	7005-72-3	
Chrysene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	53-70-3	
Dibenzofuran	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	120-83-2	
Diethylphthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	105-67-9	
Dimethylphthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2040	1	09/27/20 13:01	09/29/20 17:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2040	1	09/27/20 13:01	09/29/20 17:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	117-81-7	
Fluoranthene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	206-44-0	
Fluorene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	77-47-4	
Hexachloroethane	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	193-39-5	
Isophorone	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	78-59-1	
2-Methylnaphthalene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	15831-10-4	
Naphthalene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	91-20-3	
2-Nitroaniline	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	88-74-4	
3-Nitroaniline	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	99-09-2	
4-Nitroaniline	ND	ug/kg	805	1	09/27/20 13:01	09/29/20 17:54	100-01-6	
Nitrobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	98-95-3	
2-Nitrophenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	88-75-5	
4-Nitrophenol	ND	ug/kg	2040	1	09/27/20 13:01	09/29/20 17:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	86-30-6	
Pentachlorophenol	ND	ug/kg	2040	1	09/27/20 13:01	09/29/20 17:54	87-86-5	
Phenanthrene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	85-01-8	
Phenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	108-95-2	
Pyrene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	129-00-0	
Pyridine	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	110-86-1	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-5-SO-(19-20) **Lab ID: 60348883001** Collected: 09/16/20 18:18 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	403	1	09/27/20 13:01	09/29/20 17:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	33-132	1	09/27/20 13:01	09/29/20 17:54	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/27/20 13:01	09/29/20 17:54	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	09/27/20 13:01	09/29/20 17:54	1718-51-0	
Phenol-d6 (S)	73	%	43-95	1	09/27/20 13:01	09/29/20 17:54	13127-88-3	
2-Fluorophenol (S)	72	%	43-96	1	09/27/20 13:01	09/29/20 17:54	367-12-4	
2,4,6-Tribromophenol (S)	77	%	41-108	1	09/27/20 13:01	09/29/20 17:54	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	18.9	1	09/25/20 15:43	09/29/20 00:33		
TPH-DRO	ND	mg/kg	18.9	1	09/25/20 15:43	09/29/20 00:33		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/25/20 15:43	09/29/20 00:33	4165-60-0	
2-Fluorobiphenyl (S)	84	%	39-136	1	09/25/20 15:43	09/29/20 00:33	321-60-8	
Terphenyl-d14 (S)	84	%	29-131	1	09/25/20 15:43	09/29/20 00:33	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	16.0	1	09/22/20 09:57	09/22/20 13:01	67-64-1	
Benzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	71-43-2	
Bromobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-27-4	
Bromoform	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-25-2	
Bromomethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.0	1	09/22/20 09:57	09/22/20 13:01	78-93-3	
n-Butylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.0	1	09/22/20 09:57	09/22/20 13:01	98-06-6	
Carbon disulfide	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	108-90-7	
Chloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-00-3	
Chloroform	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	67-66-3	
Chloromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	1	09/22/20 09:57	09/22/20 13:01	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	106-93-4	
Dibromomethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-5-SO-(19-20) **Lab ID: 60348883001** Collected: 09/16/20 18:18 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	10061-02-6	
Ethylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	87-68-3	
2-Hexanone	ND	ug/kg	16.0	1	09/22/20 09:57	09/22/20 13:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	99-87-6	
Methylene Chloride	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.0	1	09/22/20 09:57	09/22/20 13:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1	09/22/20 09:57	09/22/20 13:01	91-20-3	
n-Propylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	103-65-1	
Styrene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	127-18-4	
Toluene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	108-67-8	
Vinyl chloride	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	75-01-4	
Xylene (Total)	ND	ug/kg	4.0	1	09/22/20 09:57	09/22/20 13:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/22/20 09:57	09/22/20 13:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 13:01	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-5-SO-(19-20) **Lab ID: 60348883001** Collected: 09/16/20 18:18 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	78-118	1	09/22/20 09:57	09/22/20 13:01	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.40	1	09/22/20 09:29	09/22/20 13:01		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/22/20 09:29	09/22/20 13:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/22/20 09:29	09/22/20 13:01	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	09/22/20 09:29	09/22/20 13:01	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**21.2**	%	0.50	1		09/22/20 16:32		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-6-SO-(20-21) **Lab ID: 60348883002** Collected: 09/16/20 19:38 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	46.9	1	09/22/20 13:31	09/23/20 22:34	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79	%	28-143	1	09/22/20 13:31	09/23/20 22:34	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**9.9**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 13:47	7440-38-2	
Barium	**126**	mg/kg	0.59	1	10/01/20 11:39	10/02/20 13:47	7440-39-3	
Cadmium	**0.79**	mg/kg	0.59	1	10/01/20 11:39	10/02/20 13:47	7440-43-9	
Chromium	**42.8**	mg/kg	0.59	1	10/01/20 11:39	10/02/20 13:47	7440-47-3	
Lead	**10.1**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 13:47	7439-92-1	
Selenium	ND	mg/kg	1.8	1	10/01/20 11:39	10/02/20 13:47	7782-49-2	
Silver	ND	mg/kg	0.83	1	10/01/20 11:39	10/02/20 13:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.062	1	09/28/20 14:40	09/29/20 12:50	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	83-32-9	
Acenaphthylene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	208-96-8	
Anthracene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	120-12-7	
Benzo(a)anthracene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	207-08-9	
Benzoic Acid	ND	ug/kg	2400	1	09/27/20 13:01	09/29/20 18:15	65-85-0	L1
Benzyl alcohol	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	85-68-7	
Carbazole	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	59-50-7	
4-Chloroaniline	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	108-60-1	
2-Chloronaphthalene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-6-SO-(20-21) **Lab ID: 60348883002** Collected: 09/16/20 19:38 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	7005-72-3	
Chrysene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	53-70-3	
Dibenzofuran	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	120-83-2	
Diethylphthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	105-67-9	
Dimethylphthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	1	09/27/20 13:01	09/29/20 18:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2400	1	09/27/20 13:01	09/29/20 18:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	117-81-7	
Fluoranthene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	206-44-0	
Fluorene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	77-47-4	
Hexachloroethane	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	193-39-5	
Isophorone	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	78-59-1	
2-Methylnaphthalene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	15831-10-4	
Naphthalene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	91-20-3	
2-Nitroaniline	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	88-74-4	
3-Nitroaniline	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	99-09-2	
4-Nitroaniline	ND	ug/kg	949	1	09/27/20 13:01	09/29/20 18:15	100-01-6	
Nitrobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	98-95-3	
2-Nitrophenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	88-75-5	
4-Nitrophenol	ND	ug/kg	2400	1	09/27/20 13:01	09/29/20 18:15	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	86-30-6	
Pentachlorophenol	ND	ug/kg	2400	1	09/27/20 13:01	09/29/20 18:15	87-86-5	
Phenanthrene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	85-01-8	
Phenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	108-95-2	
Pyrene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	129-00-0	
Pyridine	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-6-SO-(20-21) **Lab ID: 60348883002** Collected: 09/16/20 19:38 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	474	1	09/27/20 13:01	09/29/20 18:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	33-132	1	09/27/20 13:01	09/29/20 18:15	4165-60-0	
2-Fluorobiphenyl (S)	72	%	39-136	1	09/27/20 13:01	09/29/20 18:15	321-60-8	
Terphenyl-d14 (S)	79	%	29-131	1	09/27/20 13:01	09/29/20 18:15	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 18:15	13127-88-3	
2-Fluorophenol (S)	70	%	43-96	1	09/27/20 13:01	09/29/20 18:15	367-12-4	
2,4,6-Tribromophenol (S)	63	%	41-108	1	09/27/20 13:01	09/29/20 18:15	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	21.0	1	09/25/20 15:43	09/29/20 00:53		
TPH-DRO	ND	mg/kg	21.0	1	09/25/20 15:43	09/29/20 00:53		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/25/20 15:43	09/29/20 00:53	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	09/25/20 15:43	09/29/20 00:53	321-60-8	
Terphenyl-d14 (S)	83	%	29-131	1	09/25/20 15:43	09/29/20 00:53	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	18.2	1	09/22/20 09:57	09/22/20 13:16	67-64-1	
Benzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-27-4	
Bromoform	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-25-2	
Bromomethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.1	1	09/22/20 09:57	09/22/20 13:16	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	22.7	1	09/22/20 09:57	09/22/20 13:16	98-06-6	
Carbon disulfide	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	108-90-7	
Chloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-00-3	
Chloroform	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	67-66-3	
Chloromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	1	09/22/20 09:57	09/22/20 13:16	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-6-SO-(20-21) **Lab ID: 60348883002** Collected: 09/16/20 19:38 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	87-68-3	
2-Hexanone	ND	ug/kg	18.2	1	09/22/20 09:57	09/22/20 13:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	99-87-6	
Methylene Chloride	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1	09/22/20 09:57	09/22/20 13:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	1634-04-4	
Naphthalene	ND	ug/kg	9.1	1	09/22/20 09:57	09/22/20 13:16	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	103-65-1	
Styrene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	127-18-4	
Toluene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	108-67-8	
Vinyl chloride	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	75-01-4	
Xylene (Total)	ND	ug/kg	4.5	1	09/22/20 09:57	09/22/20 13:16	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/22/20 09:57	09/22/20 13:16	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-115	1	09/22/20 09:57	09/22/20 13:16	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-6-SO-(20-21) **Lab ID: 60348883002** Collected: 09/16/20 19:38 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	78-118	1	09/22/20 09:57	09/22/20 13:16	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.45	1	09/22/20 09:29	09/22/20 13:16		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/22/20 09:29	09/22/20 13:16	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-133	1	09/22/20 09:29	09/22/20 13:16	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	09/22/20 09:29	09/22/20 13:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**30.8**	%	0.50	1		09/22/20 16:32		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-1-GW-(20-25) **Lab ID: 60348883003** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 10:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	30-136	1	09/22/20 17:34	09/25/20 10:58	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**222**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:08	7440-38-2	
Barium	**5320**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:08	7440-39-3	
Cadmium	**14.9**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:08	7440-43-9	
Chromium	**401**	ug/L	10.0	2	10/01/20 10:35	10/02/20 09:46	7440-47-3	
Lead	**3300**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:08	7439-92-1	M1
Selenium	ND	ug/L	15.0	1	10/01/20 10:35	10/01/20 19:08	7782-49-2	
Silver	**14.1**	ug/L	7.0	1	10/01/20 10:35	10/01/20 19:08	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:01	7440-38-2	
Barium, Dissolved	**119**	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:01	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:01	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:01	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:01	7439-92-1	
Selenium, Dissolved	**27.4**	ug/L	15.0	1	10/01/20 10:35	10/02/20 10:01	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 10:35	10/02/20 10:01	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**106**	ug/L	4.0	20	09/24/20 12:52	09/25/20 13:25	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 12:59	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	1.0	1	09/22/20 15:57	09/24/20 09:07		
TPH-DRO	ND	mg/L	1.0	1	09/22/20 15:57	09/24/20 09:07		
Surrogates								
Nitrobenzene-d5 (S)	45	%	27-106	1	09/22/20 15:57	09/24/20 09:07	4165-60-0	
2-Fluorobiphenyl (S)	48	%	29-108	1	09/22/20 15:57	09/24/20 09:07	321-60-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-1-GW-(20-25) **Lab ID: 60348883003** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	53	%	34-129	1	09/22/20 15:57	09/24/20 09:07	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 18:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-1-GW-(20-25) **Lab ID: 60348883003** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	85-01-8	
Phenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 18:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 18:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%	27-106	1	09/22/20 17:36	09/24/20 18:45	4165-60-0	
2-Fluorobiphenyl (S)	58	%	29-108	1	09/22/20 17:36	09/24/20 18:45	321-60-8	
Terphenyl-d14 (S)	86	%	34-129	1	09/22/20 17:36	09/24/20 18:45	1718-51-0	
Phenol-d6 (S)	25	%	10-44	1	09/22/20 17:36	09/24/20 18:45	13127-88-3	
2-Fluorophenol (S)	39	%	11-64	1	09/22/20 17:36	09/24/20 18:45	367-12-4	
2,4,6-Tribromophenol (S)	69	%	16-114	1	09/22/20 17:36	09/24/20 18:45	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 04:53	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 04:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 04:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 04:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 04:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 04:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 04:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 04:53	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-1-GW-(20-25) **Lab ID: 60348883003** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 04:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 04:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 04:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 04:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 04:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 04:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 04:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 04:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 04:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 04:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 04:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 04:53	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 04:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 04:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 04:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:53	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 04:53	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 04:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 04:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 04:53	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 04:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 04:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 04:53	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 04:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 04:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 04:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 04:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 04:53	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 04:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:53	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: DPT-1-GW-(20-25) **Lab ID: 60348883003** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 04:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 04:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 04:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 04:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 04:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 04:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 04:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 04:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	104	%	80-120	1		09/24/20 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 04:53	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		09/24/20 04:53	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 04:53		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 00:47		
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		09/25/20 00:47	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117	1		09/25/20 00:47	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 00:47		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: WE BUILDING-FB **Lab ID: 60348883004** Collected: 09/16/20 23:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 04:38	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 04:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 04:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 04:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 04:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 04:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 04:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 04:38	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 04:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 04:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 04:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 04:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 04:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 04:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 04:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 04:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 04:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 04:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 04:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 04:38	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 04:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 04:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 04:38	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 04:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 04:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:38	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 04:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 04:38	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 04:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 04:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 04:38	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 04:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 04:38	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: WE BUILDING-FB **Lab ID: 60348883004** Collected: 09/16/20 23:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 04:38	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 04:38	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 04:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 04:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 04:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 04:38	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 04:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 04:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 04:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 04:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 04:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 04:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 04:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 04:38	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 04:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 04:38	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	1		09/24/20 04:38	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/24/20 04:38	17060-07-0	
Toluene-d8 (S)	104	%	80-120	1		09/24/20 04:38	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 04:38		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: WE BUILDING-GW-TB4 **Lab ID: 60348883005** Collected: 09/16/20 22:50 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 02:44	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 02:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 02:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 02:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 02:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 02:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 02:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 02:44	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 02:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 02:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 02:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 02:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 02:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 02:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 02:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 02:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 02:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 02:44	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 02:44	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:44	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 02:44	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 02:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 02:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 02:44	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 02:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 02:44	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348883

Sample: WE BUILDING-GW-TB4 **Lab ID: 60348883005** Collected: 09/16/20 22:50 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 02:44	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 02:44	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 02:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 02:44	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 02:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 02:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 02:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 02:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 02:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 02:44	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	1		09/24/20 02:44	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117	1		09/24/20 02:44	17060-07-0	
Toluene-d8 (S)	103	%	80-120	1		09/24/20 02:44	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 02:44		

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678729
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2744320 Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/25/20 10:31	

LABORATORY CONTROL SAMPLE: 2744321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744322 2744323

Parameter	Units	60347988002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.13 mg/L	5	5	214	142	1620	176	75-125	41	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 677968
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2741844 Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	09/22/20 12:39	

LABORATORY CONTROL SAMPLE: 2741845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741846 2741847

Parameter	Units	60348648005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	5.1	5.2	102	103	75-125	1	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 679313
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2746899
Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	09/29/20 12:20	

LABORATORY CONTROL SAMPLE: 2746900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746901 2746902

Parameter	Units	60348842021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.021J	0.52	0.51	0.50	0.48	92	91	75-125	4	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 680128
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2749566 Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/02/20 13:23	
Barium	mg/kg	ND	0.50	10/02/20 13:23	
Cadmium	mg/kg	ND	0.50	10/02/20 13:23	
Chromium	mg/kg	ND	0.50	10/02/20 13:23	
Lead	mg/kg	ND	1.0	10/02/20 13:23	
Selenium	mg/kg	ND	1.5	10/02/20 13:23	
Silver	mg/kg	ND	0.70	10/02/20 13:23	

LABORATORY CONTROL SAMPLE: 2749567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.4	96	80-120	
Barium	mg/kg	100	100	100	80-120	
Cadmium	mg/kg	100	95.4	95	80-120	
Chromium	mg/kg	100	99.3	99	80-120	
Lead	mg/kg	100	101	101	80-120	
Selenium	mg/kg	100	93.3	93	80-120	
Silver	mg/kg	50	48.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749568 2749569

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.9	98.6	107	91.3	98.1	87	86	75-125	7	20	
Barium	mg/kg	133	98.6	107	245	224	114	85	75-125	9	20	
Cadmium	mg/kg	ND	98.6	107	86.2	93.4	87	87	75-125	8	20	
Chromium	mg/kg	32.5	98.6	107	126	131	95	92	75-125	4	20	
Lead	mg/kg	10	98.6	107	94.6	102	86	86	75-125	7	20	
Selenium	mg/kg	ND	98.6	107	81.5	89.0	83	83	75-125	9	20	
Silver	mg/kg	ND	49.3	53.5	46.3	49.9	93	92	75-125	7	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 680174
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2749655
Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/01/20 18:56	
Barium	ug/L	ND	5.0	10/01/20 18:56	
Cadmium	ug/L	ND	5.0	10/01/20 18:56	
Chromium	ug/L	ND	5.0	10/01/20 18:56	
Lead	ug/L	ND	10.0	10/01/20 18:56	
Selenium	ug/L	ND	15.0	10/01/20 18:56	
Silver	ug/L	ND	7.0	10/01/20 18:56	

LABORATORY CONTROL SAMPLE: 2749656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	970	97	80-120	
Barium	ug/L	1000	953	95	80-120	
Cadmium	ug/L	1000	974	97	80-120	
Chromium	ug/L	1000	978	98	80-120	
Lead	ug/L	1000	996	100	80-120	
Selenium	ug/L	1000	994	99	80-120	
Silver	ug/L	500	414	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749657 2749658

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	222	1000	1000	1060	1020	83	80	75-125	3	20	
Barium	ug/L	5320	1000	1000	6140	6090	82	77	75-125	1	20	
Cadmium	ug/L	14.9	1000	1000	867	842	85	83	75-125	3	20	
Chromium	ug/L	401	1000	1000	1300	1290	90	89	75-125	1	20	
Lead	ug/L	3300	1000	1000	3910	3850	61	55	75-125	2	20	M1
Selenium	ug/L	ND	1000	1000	782	759	78	75	75-125	3	20	
Silver	ug/L	14.1	500	500	394	388	76	75	75-125	2	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 680184
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2749674 Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Barium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Cadmium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Chromium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Lead, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Selenium, Dissolved	ug/L	ND	15.0	10/02/20 09:56	
Silver, Dissolved	ug/L	ND	7.0	10/02/20 09:56	

LABORATORY CONTROL SAMPLE: 2749675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	975	97	80-120	
Barium, Dissolved	ug/L	1000	943	94	80-120	
Cadmium, Dissolved	ug/L	1000	971	97	80-120	
Chromium, Dissolved	ug/L	1000	975	97	80-120	
Lead, Dissolved	ug/L	1000	1010	101	80-120	
Selenium, Dissolved	ug/L	1000	981	98	80-120	
Silver, Dissolved	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749676 2749677

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	1020	1040	102	104	75-125	2	20	
Barium, Dissolved	ug/L	119	1000	1000	1070	1080	95	96	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	974	988	97	99	75-125	1	20	
Chromium, Dissolved	ug/L	ND	1000	1000	978	988	98	99	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	971	984	97	98	75-125	1	20	
Selenium, Dissolved	ug/L	27.4	1000	1000	1020	1040	100	101	75-125	2	20	
Silver, Dissolved	ug/L	ND	500	500	483	486	97	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678123
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2742283
Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/22/20 09:22	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
2,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
2-Butanone (MEK)	ug/kg	ND	10.0	09/22/20 09:22	
2-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
2-Hexanone	ug/kg	ND	20.0	09/22/20 09:22	
4-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/22/20 09:22	
Acetone	ug/kg	ND	20.0	09/22/20 09:22	
Benzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromodichloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromoform	ug/kg	ND	5.0	09/22/20 09:22	
Bromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Carbon disulfide	ug/kg	ND	5.0	09/22/20 09:22	
Carbon tetrachloride	ug/kg	ND	5.0	09/22/20 09:22	
Chlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Chloroethane	ug/kg	ND	5.0	09/22/20 09:22	
Chloroform	ug/kg	ND	5.0	09/22/20 09:22	
Chloromethane	ug/kg	ND	5.0	09/22/20 09:22	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

METHOD BLANK: 2742283 Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Dibromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Dibromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Ethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/22/20 09:22	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/22/20 09:22	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/22/20 09:22	
Methylene Chloride	ug/kg	ND	5.0	09/22/20 09:22	
n-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
n-Propylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Naphthalene	ug/kg	ND	10.0	09/22/20 09:22	
p-Isopropyltoluene	ug/kg	ND	5.0	09/22/20 09:22	
sec-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Styrene	ug/kg	ND	5.0	09/22/20 09:22	
tert-Butylbenzene	ug/kg	ND	25.0	09/22/20 09:22	
Tetrachloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Toluene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Trichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Trichlorofluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Vinyl chloride	ug/kg	ND	5.0	09/22/20 09:22	
Xylene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	78-118	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	85-115	09/22/20 09:22	
Toluene-d8 (S)	%	101	80-120	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	103	103	84-125	
1,1,1-Trichloroethane	ug/kg	100	102	102	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	95.5	95	76-121	
1,1,2-Trichloroethane	ug/kg	100	101	101	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	103	103	71-124	
1,1-Dichloropropene	ug/kg	100	90.9	91	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	102	102	81-123	
1,2,3-Trichloropropane	ug/kg	100	97.1	97	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	104	104	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	104	104	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.0	93	74-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	101	101	64-137	
1,2-Dichlorobenzene	ug/kg	100	102	102	83-119	
1,2-Dichloroethane	ug/kg	100	92.7	93	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	203	101	82-117	
1,2-Dichloropropane	ug/kg	100	98.8	99	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	106	106	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	101	101	83-118	
1,4-Dichlorobenzene	ug/kg	100	96.5	97	83-116	
2,2-Dichloropropane	ug/kg	100	104	104	76-124	
2-Butanone (MEK)	ug/kg	500	468	94	63-122	
2-Chlorotoluene	ug/kg	100	103	103	79-119	
2-Hexanone	ug/kg	500	480	96	68-122	
4-Chlorotoluene	ug/kg	100	103	103	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	473	95	63-128	
Acetone	ug/kg	500	435	87	55-124	
Benzene	ug/kg	100	96.8	97	67-126	
Bromobenzene	ug/kg	100	102	102	85-117	
Bromochloromethane	ug/kg	100	101	101	78-122	
Bromodichloromethane	ug/kg	100	101	101	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	86.2	86	20-168	
Carbon disulfide	ug/kg	100	118	118	60-133	
Carbon tetrachloride	ug/kg	100	109	109	79-128	
Chlorobenzene	ug/kg	100	102	102	84-118	
Chloroethane	ug/kg	100	90.0	90	53-139	
Chloroform	ug/kg	100	99.8	100	82-120	
Chloromethane	ug/kg	100	66.6	67	33-143	
cis-1,2-Dichloroethene	ug/kg	100	99.3	99	83-117	
cis-1,3-Dichloropropene	ug/kg	100	99.6	100	80-122	
Dibromochloromethane	ug/kg	100	109	109	82-128	
Dibromomethane	ug/kg	100	98.2	98	82-119	
Dichlorodifluoromethane	ug/kg	100	44.9	45	12-159	
Ethylbenzene	ug/kg	100	103	103	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	108	108	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	103	103	83-122	
Methyl-tert-butyl ether	ug/kg	100	95.6	96	58-137	
Methylene Chloride	ug/kg	100	92.7	93	68-125	
n-Butylbenzene	ug/kg	100	113	113	73-131	
n-Propylbenzene	ug/kg	100	105	105	82-122	
Naphthalene	ug/kg	100	103	103	60-136	
p-Isopropyltoluene	ug/kg	100	97.3	97	74-129	
sec-Butylbenzene	ug/kg	100	116	116	71-133	
Styrene	ug/kg	100	107	107	84-121	
tert-Butylbenzene	ug/kg	100	105	105	81-122	
Tetrachloroethene	ug/kg	100	110	110	78-130	
Toluene	ug/kg	100	102	102	80-118	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	104	104	78-118	
trans-1,3-Dichloropropene	ug/kg	100	107	107	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	104	104	64-133	
Vinyl chloride	ug/kg	100	78.9	79	45-139	
Xylene (Total)	ug/kg	300	310	103	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			98	85-115	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678368
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003, 60348883004, 60348883005

METHOD BLANK: 2743050
Matrix: Water
Associated Lab Samples: 60348883003, 60348883004, 60348883005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
2,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
2-Butanone (MEK)	ug/L	ND	10.0	09/24/20 02:00	
2-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
2-Hexanone	ug/L	ND	10.0	09/24/20 02:00	
4-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/24/20 02:00	
Acetone	ug/L	ND	10.0	09/24/20 02:00	
Benzene	ug/L	ND	1.0	09/24/20 02:00	
Bromobenzene	ug/L	ND	1.0	09/24/20 02:00	
Bromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromodichloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromoform	ug/L	ND	1.0	09/24/20 02:00	
Bromomethane	ug/L	ND	5.0	09/24/20 02:00	
Carbon disulfide	ug/L	ND	5.0	09/24/20 02:00	
Carbon tetrachloride	ug/L	ND	1.0	09/24/20 02:00	
Chlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
Chloroethane	ug/L	ND	1.0	09/24/20 02:00	
Chloroform	ug/L	ND	1.0	09/24/20 02:00	
Chloromethane	ug/L	ND	1.0	09/24/20 02:00	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

METHOD BLANK: 2743050 Matrix: Water
Associated Lab Samples: 60348883003, 60348883004, 60348883005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Dibromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Dibromomethane	ug/L	ND	1.0	09/24/20 02:00	
Dichlorodifluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Ethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/24/20 02:00	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/24/20 02:00	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/24/20 02:00	
Methylene Chloride	ug/L	ND	1.0	09/24/20 02:00	
n-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
n-Propylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Naphthalene	ug/L	ND	10.0	09/24/20 02:00	
p-Isopropyltoluene	ug/L	ND	1.0	09/24/20 02:00	
sec-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Styrene	ug/L	ND	1.0	09/24/20 02:00	
tert-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Tetrachloroethene	ug/L	ND	1.0	09/24/20 02:00	
Toluene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Trichloroethene	ug/L	ND	1.0	09/24/20 02:00	
Trichlorofluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Vinyl chloride	ug/L	ND	1.0	09/24/20 02:00	
Xylene (Total)	ug/L	ND	3.0	09/24/20 02:00	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/24/20 02:00	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 02:00	
Toluene-d8 (S)	%	105	80-120	09/24/20 02:00	

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.1	85	85-118	
1,1,1-Trichloroethane	ug/L	20	17.3	87	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.3	86	78-118	
1,1,2-Trichloroethane	ug/L	20	19.8	99	82-117	
1,1-Dichloroethane	ug/L	20	18.6	93	85-120	
1,1-Dichloroethene	ug/L	20	21.1	106	81-124	
1,1-Dichloropropene	ug/L	20	16.5	82	71-119	
1,2,3-Trichlorobenzene	ug/L	20	18.5	92	76-120	
1,2,3-Trichloropropane	ug/L	20	21.0	105	78-123	
1,2,4-Trichlorobenzene	ug/L	20	17.5	87	77-117	
1,2,4-Trimethylbenzene	ug/L	20	19.8	99	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	14.0	70	68-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	83-120	
1,2-Dichlorobenzene	ug/L	20	20.6	103	80-120	
1,2-Dichloroethane	ug/L	20	19.0	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	37.3	93	84-118	
1,2-Dichloropropane	ug/L	20	18.3	92	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.3	101	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	101	80-120	
1,3-Dichloropropane	ug/L	20	19.6	98	85-120	
1,4-Dichlorobenzene	ug/L	20	19.5	97	84-115	
2,2-Dichloropropane	ug/L	20	14.0	70	60-129	
2-Butanone (MEK)	ug/L	100	97.7	98	70-125	
2-Chlorotoluene	ug/L	20	19.8	99	84-115	
2-Hexanone	ug/L	100	103	103	76-126	
4-Chlorotoluene	ug/L	20	19.5	98	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	73-131	
Acetone	ug/L	100	110	110	59-135	
Benzene	ug/L	20	19.1	96	82-115	
Bromobenzene	ug/L	20	20.0	100	84-115	
Bromochloromethane	ug/L	20	21.1	105	85-125	
Bromodichloromethane	ug/L	20	16.5	83	82-123	
Bromoform	ug/L	20	14.0	70	66-133	
Bromomethane	ug/L	20	17.6	88	27-179	
Carbon disulfide	ug/L	20	24.0	120	72-134	
Carbon tetrachloride	ug/L	20	16.8	84	80-121	
Chlorobenzene	ug/L	20	20.1	101	80-120	
Chloroethane	ug/L	20	21.4	107	78-145	
Chloroform	ug/L	20	18.4	92	84-116	
Chloromethane	ug/L	20	15.1	76	48-160	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	85-115	
cis-1,3-Dichloropropene	ug/L	20	16.7	83	85-117	L2
Dibromochloromethane	ug/L	20	16.3	82	82-122	
Dibromomethane	ug/L	20	19.5	98	81-122	
Dichlorodifluoromethane	ug/L	20	9.6	48	50-173	L2
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	18.4	92	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	84-117	
Methyl-tert-butyl ether	ug/L	20	19.9	100	77-126	
Methylene Chloride	ug/L	20	23.4	117	80-126	
n-Butylbenzene	ug/L	20	20.2	101	81-120	
n-Propylbenzene	ug/L	20	20.1	100	80-116	
Naphthalene	ug/L	20	17.6	88	73-126	
p-Isopropyltoluene	ug/L	20	18.8	94	74-121	
sec-Butylbenzene	ug/L	20	22.6	113	75-130	
Styrene	ug/L	20	21.0	105	80-117	
tert-Butylbenzene	ug/L	20	20.1	100	84-116	
Tetrachloroethene	ug/L	20	19.6	98	83-119	
Toluene	ug/L	20	19.7	98	83-115	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	18.7	94	80-124	
trans-1,3-Dichloropropene	ug/L	20	17.5	87	83-117	
Trichloroethene	ug/L	20	20.6	103	80-118	
Trichlorofluoromethane	ug/L	20	22.5	112	83-133	
Vinyl chloride	ug/L	20	19.0	95	76-144	
Xylene (Total)	ug/L	60	61.2	102	82-120	
1,2-Dichloroethane-d4 (S)	%			101	86-117	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678698
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV MO GRO Oxygenates
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348883003

METHOD BLANK: 2744202
Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 00:31	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 00:31	
4-Bromofluorobenzene (S)	%	97	80-120	09/25/20 00:31	
Toluene-d8 (S)	%	97	80-120	09/25/20 00:31	

LABORATORY CONTROL SAMPLE: 2744203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3860	96	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			97	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678110
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2742244
Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	80-123	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	69-133	09/22/20 09:22	
Toluene-d8 (S)	%	101	78-122	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.3	83	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			102	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742246 2742247

Parameter	Units	60348931001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane-d4 (S)	%						106	75	80-123			IO,S0
4-Bromofluorobenzene (S)	%						98	121	69-133			
Toluene-d8 (S)	%						100	118	78-122			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678177
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2742474 Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.2	09/23/20 14:14	
Decachlorobiphenyl (S)	%	88	28-143	09/23/20 14:14	

LABORATORY CONTROL SAMPLE: 2742475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	110	68	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	163	112	69	56-128	
Decachlorobiphenyl (S)	%			65	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742476 2742477

Parameter	Units	60348887001 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	194	196	167	165	86	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	194	196	162	162	84	83	30-141	0	40	
Decachlorobiphenyl (S)	%						79	78	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678318
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2742801
Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	09/24/20 12:03	
Decachlorobiphenyl (S)	%	84	30-136	09/24/20 12:03	

LABORATORY CONTROL SAMPLE: 2742802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.8	76	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	93	64-123	
Decachlorobiphenyl (S)	%			88	30-136	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678954
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,2-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,3-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,4-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
2,4,5-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dimethylphenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dinitrophenol	ug/kg	ND	1660	09/29/20 12:55	
2,4-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2,6-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2-Chloronaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Chlorophenol	ug/kg	ND	327	09/29/20 12:55	
2-Methylnaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Methylphenol(o-Cresol)	ug/kg	ND	327	09/29/20 12:55	
2-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
2-Nitrophenol	ug/kg	ND	327	09/29/20 12:55	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	327	09/29/20 12:55	
3,3'-Dichlorobenzidine	ug/kg	ND	654	09/29/20 12:55	
3-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1660	09/29/20 12:55	
4-Bromophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Chloro-3-methylphenol	ug/kg	ND	654	09/29/20 12:55	
4-Chloroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Chlorophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Nitrophenol	ug/kg	ND	1660	09/29/20 12:55	
Acenaphthene	ug/kg	ND	327	09/29/20 12:55	
Acenaphthylene	ug/kg	ND	327	09/29/20 12:55	
Anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)pyrene	ug/kg	ND	327	09/29/20 12:55	
Benzo(b)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzo(g,h,i)perylene	ug/kg	ND	327	09/29/20 12:55	
Benzo(k)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzoic Acid	ug/kg	ND	1660	09/29/20 12:55	
Benzyl alcohol	ug/kg	ND	654	09/29/20 12:55	
bis(2-Chloroethoxy)methane	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroethyl) ether	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroisopropyl) ether	ug/kg	ND	327	09/29/20 12:55	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	327	09/29/20 12:55	
Butylbenzylphthalate	ug/kg	ND	327	09/29/20 12:55	
Carbazole	ug/kg	ND	327	09/29/20 12:55	
Chrysene	ug/kg	ND	327	09/29/20 12:55	
Di-n-butylphthalate	ug/kg	ND	327	09/29/20 12:55	
Di-n-octylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dibenz(a,h)anthracene	ug/kg	ND	327	09/29/20 12:55	
Dibenzofuran	ug/kg	ND	327	09/29/20 12:55	
Diethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dimethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Fluorene	ug/kg	ND	327	09/29/20 12:55	
Hexachloro-1,3-butadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorobenzene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorocyclopentadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachloroethane	ug/kg	ND	327	09/29/20 12:55	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	327	09/29/20 12:55	
Isophorone	ug/kg	ND	327	09/29/20 12:55	
N-Nitroso-di-n-propylamine	ug/kg	ND	327	09/29/20 12:55	
N-Nitrosodiphenylamine	ug/kg	ND	327	09/29/20 12:55	
Naphthalene	ug/kg	ND	327	09/29/20 12:55	
Nitrobenzene	ug/kg	ND	327	09/29/20 12:55	
Pentachlorophenol	ug/kg	ND	1660	09/29/20 12:55	
Phenanthrene	ug/kg	ND	327	09/29/20 12:55	
Phenol	ug/kg	ND	327	09/29/20 12:55	
Pyrene	ug/kg	ND	327	09/29/20 12:55	
Pyridine	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Tribromophenol (S)	%	78	41-108	09/29/20 12:55	
2-Fluorobiphenyl (S)	%	90	39-136	09/29/20 12:55	
2-Fluorophenol (S)	%	77	43-96	09/29/20 12:55	
Nitrobenzene-d5 (S)	%	86	33-132	09/29/20 12:55	
Phenol-d6 (S)	%	81	43-95	09/29/20 12:55	
Terphenyl-d14 (S)	%	93	29-131	09/29/20 12:55	

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1590	1270	80	52-104	
1,2-Dichlorobenzene	ug/kg	1590	1220	77	51-99	
1,3-Dichlorobenzene	ug/kg	1590	1200	75	48-102	
1,4-Dichlorobenzene	ug/kg	1590	1220	77	49-101	
2,4,5-Trichlorophenol	ug/kg	1590	1420	89	58-109	
2,4,6-Trichlorophenol	ug/kg	1590	1380	87	56-109	
2,4-Dichlorophenol	ug/kg	1590	1290	81	54-106	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1590	941	59	49-104	
2,4-Dinitrophenol	ug/kg	1590	1060J	67	26-119	
2,4-Dinitrotoluene	ug/kg	1590	1390	88	60-109	
2,6-Dinitrotoluene	ug/kg	1590	1380	87	59-109	
2-Chloronaphthalene	ug/kg	1590	1330	84	56-104	
2-Chlorophenol	ug/kg	1590	1260	80	56-98	
2-Methylnaphthalene	ug/kg	1590	1340	84	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1590	1240	78	52-102	
2-Nitroaniline	ug/kg	1590	1350	85	54-113	
2-Nitrophenol	ug/kg	1590	1260	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1590	1190	75	52-102	
3,3'-Dichlorobenzidine	ug/kg	1590	625J	39	19-126	
3-Nitroaniline	ug/kg	1590	792	50	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1590	1100J	69	37-117	
4-Bromophenylphenyl ether	ug/kg	1590	1330	84	60-106	
4-Chloro-3-methylphenol	ug/kg	1590	1350	85	55-107	
4-Chloroaniline	ug/kg	1590	472J	30	10-116	
4-Chlorophenylphenyl ether	ug/kg	1590	1350	85	56-107	
4-Nitroaniline	ug/kg	1590	1180	75	52-113	
4-Nitrophenol	ug/kg	1590	1380J	87	53-114	
Acenaphthene	ug/kg	1590	1400	88	55-105	
Acenaphthylene	ug/kg	1590	1440	90	57-105	
Anthracene	ug/kg	1590	1310	83	59-106	
Benzo(a)anthracene	ug/kg	1590	1350	85	59-109	
Benzo(a)pyrene	ug/kg	1590	1310	83	59-109	
Benzo(b)fluoranthene	ug/kg	1590	1360	85	56-112	
Benzo(g,h,i)perylene	ug/kg	1590	1360	86	57-109	
Benzo(k)fluoranthene	ug/kg	1590	1380	87	57-107	
Benzoic Acid	ug/kg	1590	1960	123	10-96	L1
Benzyl alcohol	ug/kg	1590	1260	79	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1590	1260	80	52-102	
bis(2-Chloroethyl) ether	ug/kg	1590	1240	78	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1590	1260	80	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1590	1400	88	61-113	
Butylbenzylphthalate	ug/kg	1590	1360	85	62-110	
Carbazole	ug/kg	1590	1350	85	60-106	
Chrysene	ug/kg	1590	1390	88	58-108	
Di-n-butylphthalate	ug/kg	1590	1370	86	61-110	
Di-n-octylphthalate	ug/kg	1590	1450	91	58-114	
Dibenz(a,h)anthracene	ug/kg	1590	1420	90	57-109	
Dibenzofuran	ug/kg	1590	1390	87	56-106	
Diethylphthalate	ug/kg	1590	1370	86	57-107	
Dimethylphthalate	ug/kg	1590	1380	87	55-106	
Fluoranthene	ug/kg	1590	1310	82	60-109	
Fluorene	ug/kg	1590	1350	85	56-107	
Hexachloro-1,3-butadiene	ug/kg	1590	1300	82	50-106	
Hexachlorobenzene	ug/kg	1590	1290	81	56-107	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1590	1290	81	18-118	
Hexachloroethane	ug/kg	1590	1160	73	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1590	1410	89	58-108	
Isophorone	ug/kg	1590	1300	82	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1590	1200	76	50-101	
N-Nitrosodiphenylamine	ug/kg	1590	1340	84	58-107	
Naphthalene	ug/kg	1590	1280	80	51-103	
Nitrobenzene	ug/kg	1590	1290	81	51-104	
Pentachlorophenol	ug/kg	1590	887J	56	43-123	
Phenanthrene	ug/kg	1590	1340	84	58-106	
Phenol	ug/kg	1590	1260	79	53-101	
Pyrene	ug/kg	1590	1390	88	60-108	
Pyridine	ug/kg	1590	802	51	33-72	
2,4,6-Tribromophenol (S)	%			83	41-108	
2-Fluorobiphenyl (S)	%			87	39-136	
2-Fluorophenol (S)	%			75	43-96	
Nitrobenzene-d5 (S)	%			83	33-132	
Phenol-d6 (S)	%			75	43-95	
Terphenyl-d14 (S)	%			90	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2040	2000	1550	1600	76	80	42-102	3	26	
1,2-Dichlorobenzene	ug/kg	ND	2040	2000	1560	1540	77	77	45-96	1	31	
1,3-Dichlorobenzene	ug/kg	ND	2040	2000	1490	1510	73	75	44-95	1	31	
1,4-Dichlorobenzene	ug/kg	ND	2040	2000	1510	1520	74	76	45-95	1	30	
2,4,5-Trichlorophenol	ug/kg	ND	2040	2000	1650	1720	81	86	47-109	4	31	
2,4,6-Trichlorophenol	ug/kg	ND	2040	2000	1670	1720	82	86	14-133	3	31	
2,4-Dichlorophenol	ug/kg	ND	2040	2000	1630	1670	80	83	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	2040	2000	1670	1700	82	85	22-113	2	32	
2,4-Dinitrophenol	ug/kg	ND	2040	2000	745J	842J	37	42	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	2040	2000	1620	1720	80	86	10-133	6	32	
2,6-Dinitrotoluene	ug/kg	ND	2040	2000	1650	1730	81	86	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	2040	2000	1620	1690	80	85	47-105	4	28	
2-Chlorophenol	ug/kg	ND	2040	2000	1600	1650	78	83	44-100	3	31	
2-Methylnaphthalene	ug/kg	ND	2040	2000	1640	1680	81	84	43-104	2	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	2040	2000	1620	1610	80	80	37-105	1	32	
2-Nitroaniline	ug/kg	ND	2040	2000	1720	1740	84	87	44-117	1	28	
2-Nitrophenol	ug/kg	ND	2040	2000	1620	1670	80	83	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2040	2000	1640	1620	81	81	35-108	1	30	
3,3'-Dichlorobenzidine	ug/kg	ND	2040	2000	287J	525J	14	26	10-133		39	
3-Nitroaniline	ug/kg	ND	2040	2000	1340	1440	66	72	10-124	7	27	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,6-Dinitro-2-methylphenol	ug/kg	ND	2040	2000	1240J	1310J	61	65	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	2040	2000	1750	1740	86	87	47-109	0	33	
4-Chloro-3-methylphenol	ug/kg	ND	2040	2000	1700	1700	83	85	42-109	0	30	
4-Chloroaniline	ug/kg	ND	2040	2000	826	815	41	41	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	2040	2000	1640	1680	81	84	46-106	3	33	
4-Nitroaniline	ug/kg	ND	2040	2000	1140	1220	56	61	11-126	7	47	
4-Nitrophenol	ug/kg	ND	2040	2000	1640J	1820J	81	91	18-130		35	
Acenaphthene	ug/kg	ND	2040	2000	1690	1730	83	87	44-104	3	23	
Acenaphthylene	ug/kg	ND	2040	2000	1710	1800	84	90	47-102	5	29	
Anthracene	ug/kg	ND	2040	2000	1710	1740	84	87	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	2040	2000	1700	1710	83	85	10-139	0	32	
Benzo(a)pyrene	ug/kg	ND	2040	2000	1640	1710	80	85	12-132	4	33	
Benzo(b)fluoranthene	ug/kg	ND	2040	2000	1590	1720	78	86	12-136	8	37	
Benzo(g,h,i)perylene	ug/kg	ND	2040	2000	1490	1710	73	85	22-119	14	41	
Benzo(k)fluoranthene	ug/kg	ND	2040	2000	1700	1750	83	87	32-113	3	32	
Benzoic Acid	ug/kg	ND	2040	2000	1470J	1440J	72	72	10-101		35	
Benzyl alcohol	ug/kg	ND	2040	2000	1610	1630	79	81	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	2040	2000	1590	1630	78	81	41-100	2	29	
bis(2-Chloroethyl) ether	ug/kg	ND	2040	2000	1590	1620	78	81	46-100	2	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	2040	2000	1630	1560	80	78	40-99	4	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2040	2000	1740	1800	85	90	24-141	3	33	
Butylbenzylphthalate	ug/kg	ND	2040	2000	1730	1730	85	87	41-131	0	33	
Carbazole	ug/kg	ND	2040	2000	1700	1690	84	85	41-107	0	30	
Chrysene	ug/kg	ND	2040	2000	1730	1740	85	87	10-137	1	31	
Di-n-butylphthalate	ug/kg	ND	2040	2000	1760	1800	87	90	41-118	2	31	
Di-n-octylphthalate	ug/kg	ND	2040	2000	1740	1840	85	92	40-138	6	29	
Dibenz(a,h)anthracene	ug/kg	ND	2040	2000	1510	1740	74	87	23-122	14	35	
Dibenzofuran	ug/kg	ND	2040	2000	1640	1710	81	85	49-101	4	28	
Diethylphthalate	ug/kg	ND	2040	2000	1680	1710	82	85	42-107	2	31	
Dimethylphthalate	ug/kg	ND	2040	2000	1660	1710	82	86	37-108	3	30	
Fluoranthene	ug/kg	ND	2040	2000	1770	1710	87	85	10-139	3	32	
Fluorene	ug/kg	ND	2040	2000	1610	1700	79	85	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	2040	2000	1600	1620	79	81	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	2040	2000	1760	1740	87	87	46-105	1	31	
Hexachlorocyclopentadiene	ug/kg	ND	2040	2000	1090	1210	54	60	10-111	10	61	
Hexachloroethane	ug/kg	ND	2040	2000	1530	1520	75	76	11-119	0	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2040	2000	1480	1750	72	87	21-120	17	38	
Isophorone	ug/kg	ND	2040	2000	1630	1650	80	82	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	2040	2000	1610	1590	79	79	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	2040	2000	1520	1650	75	82	41-108	8	36	
Naphthalene	ug/kg	ND	2040	2000	1600	1600	78	80	40-105	0	31	
Nitrobenzene	ug/kg	ND	2040	2000	1640	1630	80	82	35-106	0	29	
Pentachlorophenol	ug/kg	ND	2040	2000	1570J	1590J	77	80	10-144		35	
Phenanthrene	ug/kg	ND	2040	2000	1690	1740	83	86	43-108	3	29	
Phenol	ug/kg	ND	2040	2000	1610	1630	79	81	38-102	1	29	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pyrene	ug/kg	ND	2040	2000	1780	1730	87	86	10-147	3	38	
Pyridine	ug/kg	ND	2040	2000	893	910	44	46	10-79	2	35	
2,4,6-Tribromophenol (S)	%						79	84	41-108			
2-Fluorobiphenyl (S)	%						81	83	39-136			
2-Fluorophenol (S)	%						73	75	43-96			
Nitrobenzene-d5 (S)	%						83	82	33-132			
Phenol-d6 (S)	%						74	74	43-95			
Terphenyl-d14 (S)	%						90	87	29-131			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678956
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2745200 Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.9	09/28/20 22:14	
TPH-ORO	mg/kg	ND	14.9	09/28/20 22:14	
2-Fluorobiphenyl (S)	%	88	39-136	09/28/20 22:14	
Nitrobenzene-d5 (S)	%	79	33-132	09/28/20 22:14	
Terphenyl-d14 (S)	%	88	29-131	09/28/20 22:14	

LABORATORY CONTROL SAMPLE: 2745201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	328	249	76	39-122	
TPH-ORO	mg/kg		12.7J			
2-Fluorobiphenyl (S)	%			87	39-136	
Nitrobenzene-d5 (S)	%			82	33-132	
Terphenyl-d14 (S)	%			86	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745202 2745203

Parameter	Units	60348880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO	mg/kg	ND	424	406	313	312	74	77	12-137	0	38	
TPH-ORO	mg/kg	ND			17.9J	19.8					51	
2-Fluorobiphenyl (S)	%						80	83	39-136			
Nitrobenzene-d5 (S)	%						76	81	33-132			
Terphenyl-d14 (S)	%						78	82	29-131			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678084
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2742157 Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/24/20 04:00	
TPH-ORO	mg/L	ND	1.0	09/24/20 04:00	
2-Fluorobiphenyl (S)	%	39	29-108	09/24/20 04:00	
Nitrobenzene-d5 (S)	%	36	27-106	09/24/20 04:00	
Terphenyl-d14 (S)	%	39	34-129	09/24/20 04:00	

LABORATORY CONTROL SAMPLE: 2742158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	40.9	41	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			36	27-106	
Terphenyl-d14 (S)	%			50	34-129	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678083
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883003

METHOD BLANK: 2742155
Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dimethylphenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dinitrophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2-Chloronaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Chlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2-Methylnaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/24/20 16:50	
2-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
2-Nitrophenol	ug/L	ND	10.0	09/24/20 16:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/24/20 16:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/24/20 16:50	
3-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/24/20 16:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/24/20 16:50	
4-Chloroaniline	ug/L	ND	20.0	09/24/20 16:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4-Nitrophenol	ug/L	ND	50.0	09/24/20 16:50	
Acenaphthene	ug/L	ND	10.0	09/24/20 16:50	
Acenaphthylene	ug/L	ND	10.0	09/24/20 16:50	
Anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzoic Acid	ug/L	ND	50.0	09/24/20 16:50	
Benzyl alcohol	ug/L	ND	20.0	09/24/20 16:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/24/20 16:50	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

METHOD BLANK: 2742155 Matrix: Water
Associated Lab Samples: 60348883003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/24/20 16:50	
Butylbenzylphthalate	ug/L	ND	20.0	09/24/20 16:50	
Carbazole	ug/L	ND	10.0	09/24/20 16:50	
Chrysene	ug/L	ND	10.0	09/24/20 16:50	
Di-n-butylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Di-n-octylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Dibenzofuran	ug/L	ND	10.0	09/24/20 16:50	
Diethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dimethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Fluorene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloroethane	ug/L	ND	10.0	09/24/20 16:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Isophorone	ug/L	ND	10.0	09/24/20 16:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/24/20 16:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/24/20 16:50	
Naphthalene	ug/L	ND	10.0	09/24/20 16:50	
Nitrobenzene	ug/L	ND	10.0	09/24/20 16:50	
Pentachlorophenol	ug/L	ND	50.0	09/24/20 16:50	
Phenanthrene	ug/L	ND	10.0	09/24/20 16:50	
Phenol	ug/L	ND	10.0	09/24/20 16:50	
Pyrene	ug/L	ND	10.0	09/24/20 16:50	
Pyridine	ug/L	ND	10.0	09/24/20 16:50	
2,4,6-Tribromophenol (S)	%	75	16-114	09/24/20 16:50	
2-Fluorobiphenyl (S)	%	61	29-108	09/24/20 16:50	
2-Fluorophenol (S)	%	45	11-64	09/24/20 16:50	
Nitrobenzene-d5 (S)	%	74	27-106	09/24/20 16:50	
Phenol-d6 (S)	%	28	10-44	09/24/20 16:50	
Terphenyl-d14 (S)	%	94	34-129	09/24/20 16:50	

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	18.9	38	22-109	
1,2-Dichlorobenzene	ug/L	50	19.0	38	18-107	
1,3-Dichlorobenzene	ug/L	50	17.7	35	16-105	
1,4-Dichlorobenzene	ug/L	50	18.1	36	17-105	
2,4,5-Trichlorophenol	ug/L	50	36.1J	72	25-126	
2,4,6-Trichlorophenol	ug/L	50	35.6	71	23-124	
2,4-Dichlorophenol	ug/L	50	35.8	72	26-116	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	37.9	76	36-98	
2,4-Dinitrophenol	ug/L	50	35.9J	72	11-138	
2,4-Dinitrotoluene	ug/L	50	38.4	77	30-127	
2,6-Dinitrotoluene	ug/L	50	37.4	75	30-125	
2-Chloronaphthalene	ug/L	50	24.5	49	28-115	
2-Chlorophenol	ug/L	50	34.3	69	25-107	
2-Methylnaphthalene	ug/L	50	23.6	47	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	30-94	
2-Nitroaniline	ug/L	50	36.3J	73	29-126	
2-Nitrophenol	ug/L	50	34.9	70	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.1	56	26-89	
3,3'-Dichlorobenzidine	ug/L	50	42.4	85	24-140	
3-Nitroaniline	ug/L	50	36.9J	74	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35J	70	21-135	
4-Bromophenylphenyl ether	ug/L	50	34.3	69	30-121	
4-Chloro-3-methylphenol	ug/L	50	36.8	74	28-117	
4-Chloroaniline	ug/L	50	36.9	74	22-136	
4-Chlorophenylphenyl ether	ug/L	50	32.9	66	30-119	
4-Nitroaniline	ug/L	50	39.6J	79	31-129	
4-Nitrophenol	ug/L	50	15.9J	32	10-64	
Acenaphthene	ug/L	50	30.9	62	29-117	
Acenaphthylene	ug/L	50	32.1	64	27-119	
Anthracene	ug/L	50	37.8	76	27-124	
Benzo(a)anthracene	ug/L	50	41.9	84	30-124	
Benzo(a)pyrene	ug/L	50	40.4	81	29-123	
Benzo(b)fluoranthene	ug/L	50	43.8	88	29-127	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	30-124	
Benzo(k)fluoranthene	ug/L	50	39.3	79	29-125	
Benzoic Acid	ug/L	50	11.1J	22	10-71	
Benzyl alcohol	ug/L	50	34.7	69	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.5	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	34.6	69	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	32.1	64	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.9	86	35-128	
Butylbenzylphthalate	ug/L	50	43.7	87	28-114	
Carbazole	ug/L	50	40.2	80	31-124	
Chrysene	ug/L	50	41.8	84	31-124	
Di-n-butylphthalate	ug/L	50	41.4	83	29-130	
Di-n-octylphthalate	ug/L	50	43.6	87	27-135	
Dibenz(a,h)anthracene	ug/L	50	42.1	84	30-125	
Dibenzofuran	ug/L	50	31.5	63	30-118	
Diethylphthalate	ug/L	50	39.3	79	30-123	
Dimethylphthalate	ug/L	50	37.8	76	29-121	
Fluoranthene	ug/L	50	40.2	80	31-126	
Fluorene	ug/L	50	33.7	67	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.2	36	14-107	
Hexachlorobenzene	ug/L	50	36.0	72	29-123	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	16.0	32	10-56	
Hexachloroethane	ug/L	50	16.5	33	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.5	85	29-124	
Isophorone	ug/L	50	37.8	76	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	36.7	73	28-117	
N-Nitrosodiphenylamine	ug/L	50	37.6	75	30-122	
Naphthalene	ug/L	50	23.8	48	25-111	
Nitrobenzene	ug/L	50	33.4	67	28-116	
Pentachlorophenol	ug/L	50	37.5J	75	17-134	
Phenanthrene	ug/L	50	37.5	75	30-121	
Phenol	ug/L	50	14.5	29	10-58	
Pyrene	ug/L	50	40.1	80	31-124	
Pyridine	ug/L	50	17.3	35	10-73	
2,4,6-Tribromophenol (S)	%			79	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			43	11-64	
Nitrobenzene-d5 (S)	%			73	27-106	
Phenol-d6 (S)	%			28	10-44	
Terphenyl-d14 (S)	%			88	34-129	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348883

QC Batch: 678255
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348883001, 60348883002

METHOD BLANK: 2742738
Matrix: Solid
Associated Lab Samples: 60348883001, 60348883002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/22/20 16:31	

SAMPLE DUPLICATE: 2742739

Parameter	Units	60348726010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	17.2	1	20	

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QUALIFIERS

Project: WE BUILDING
Pace Project No.: 60348883

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.

BATCH QUALIFIERS

Batch: 678368

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 678698

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
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.
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: WE BUILDING
Pace Project No.: 60348883

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348883001	**DPT-5-SO-(19-20)**	EPA 3546	678177	EPA 8082	678556
60348883002	**DPT-6-SO-(20-21)**	EPA 3546	678177	EPA 8082	678556
60348883003	**DPT-1-GW-(20-25)**	EPA 3510	678318	EPA 8082	678663
60348883001	**DPT-5-SO-(19-20)**	EPA 3050	680128	EPA 6010	680456
60348883002	**DPT-6-SO-(20-21)**	EPA 3050	680128	EPA 6010	680456
60348883003	**DPT-1-GW-(20-25)**	EPA 3010	680174	EPA 6010	680281
60348883003	**DPT-1-GW-(20-25)**	EPA 3010	680184	EPA 6010	680286
60348883003	**DPT-1-GW-(20-25)**	EPA 7470	678729	EPA 7470	678788
60348883003	**DPT-1-GW-(20-25)**	EPA 7470	677968	EPA 7470	678069
60348883001	**DPT-5-SO-(19-20)**	EPA 7471	679313	EPA 7471	679470
60348883002	**DPT-6-SO-(20-21)**	EPA 7471	679313	EPA 7471	679470
60348883001	**DPT-5-SO-(19-20)**	EPA 3546	678954	EPA 8270	679637
60348883002	**DPT-6-SO-(20-21)**	EPA 3546	678954	EPA 8270	679637
60348883001	**DPT-5-SO-(19-20)**	EPA 3546	678956	EPA 8270	679490
60348883002	**DPT-6-SO-(20-21)**	EPA 3546	678956	EPA 8270	679490
60348883003	**DPT-1-GW-(20-25)**	EPA 3510C	678084	EPA 8270	678562
60348883003	**DPT-1-GW-(20-25)**	EPA 3510	678083	EPA 8270	678831
60348883001	**DPT-5-SO-(19-20)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348883002	**DPT-6-SO-(20-21)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348883003	**DPT-1-GW-(20-25)**	EPA 5030B/8260	678368		
60348883004	**WE BUILDING-FB**	EPA 5030B/8260	678368		
60348883005	**WE BUILDING-GW-TB4**	EPA 5030B/8260	678368		
60348883003	**DPT-1-GW-(20-25)**	EPA 8260	678698		
60348883001	**DPT-5-SO-(19-20)**	EPA 5035	678110	EPA 8260	678137
60348883002	**DPT-6-SO-(20-21)**	EPA 5035	678110	EPA 8260	678137
60348883001	**DPT-5-SO-(19-20)**	ASTM D2974	678255		
60348883002	**DPT-6-SO-(20-21)**	ASTM D2974	678255		

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Sample Condition Upon Receipt

WO# : 60348883

60348883

Client Name: Tetra Tech

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☑ Client ☐ Other ☐

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☑

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

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

Thermometer Used: T-299 **Type of Ice:** Wet Blue None

Cooler Temperature (°C): **As-read** 2.5 **Corr. Factor** +0.2 **Corrected** 2.7

Date and initials of person examining contents: pm 9/19/20

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
~~**Short Hold Time analyses (<72hr):**~~	~~☐Yes ☑No ☐N/A~~	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: WT/SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State: KS	☐Yes ☑No ☐N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☑No ☐N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jeffrey Shopper Date: _____

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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.

Complete

Page: 1 of 1

Section A Required Client Information:

Company:	Tetra Tech EMI
Address:	415 Oak
	Kansas City, MO 64106
Email To:	kaitlyn.mitchell@tetratech.com
Phone: (816) 412-1742	Fax: (816) 410-1748
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Kaitlyn Mitchell
Copy To:	
Purchase Order No.:	
Project Name:	~~Cyclonic~~ WE Building
Project Number:	

Section C Invoice Information:

Attention:	Kaitlyn Mitchell
Company Name:	Tetra Tech EMI
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jeffrey Shopper 913-563-1408
Pace Profile #:	`8083

REGULATORY AGENCY

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

Site Location STATE: KS

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Sodium Phosphate Tri basic	Analysis Test Y/N	8082 PCBs	8270 DRO/ORO	RCRA 8 Metals	8270 SVOCs	8260 VOCs	8260 GRO	RCRA8 Metals(Dissolved)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	DPT-5-SO-(19-20)	SL	G			9/16/20	1818		7	4						1	2		X	X	X	X	X	X		DG9M			2		DG9Q AG5U 3JGRU
2	DPT-6-SO-(20-21)	SL	G			9/16/20	1938		7	4						1	2		X	X	X	X	X	X							
3	DPT-1-GW-(20-25)	WT	G			9/16/20	1210		13	6		2	5						X	X	X	X	X	X	X	5DG9H			6		AG4U BP3N BP3F
4	WE Building-FB	WT	G			9/16/20	2300		3				3										X								3DG9H
5	WE Building-GW-TB4	WT	G			9/16/20	2250		2				2										X								2DG9H
6																															
7																															
8																															
9																															
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Stephanie Caples/TT	9/17/20	0950	[illegible]/PASE	9/18	0415	2.7	Y	Y	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephanie Caples

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 09/17/20

*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.08, 12-Oct-2007

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 05, 2020

Kaitlyn Mitchell
Tetra Tech EMI
415 Oak
Kansas City, MO 64106

RE: Project: WE BUILDING
Pace Project No.: 60348891

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 19, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Jeffrey Shopper
jeff.shopper@pacelabs.com
1(913)563-1408
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
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CERTIFICATIONS

Project: WE BUILDING
Pace Project No.: 60348891

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: WE BUILDING
Pace Project No.: 60348891

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348891001	**DPT-5-GW-(15-20)**	Water	09/16/20 17:45	09/19/20 04:15
60348891002	**DPT-2-GW-(18-23)**	Water	09/16/20 18:33	09/19/20 04:15
60348891003	**DPT-6-GW-(19-24)**	Water	09/16/20 18:56	09/19/20 04:15
60348891004	**WE BUILDING-GW-TB2**	Water	09/16/20 19:39	09/19/20 04:15
60348891005	**RINSATE BLANK**	Water	09/16/20 19:57	09/19/20 04:15

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SAMPLE ANALYTE COUNT

Project: WE BUILDING
Pace Project No.: 60348891

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348891001	**DPT-5-GW-(15-20)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60348891002	**DPT-2-GW-(18-23)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60348891003	**DPT-6-GW-(19-24)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60348891004	**WE BUILDING-GW-TB2**	EPA 5030B/8260	PGH	69	PASI-K
60348891005	**RINSATE BLANK**	EPA 5030B/8260	PGH	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-5-GW-(15-20) **Lab ID: 60348891001** Collected: 09/16/20 17:45 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	30-136	1	09/22/20 17:34	09/25/20 11:20	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**131**	ug/L	100	10	09/24/20 17:01	09/28/20 15:42	7440-38-2	
Barium	**6150**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:42	7440-39-3	
Cadmium	ND	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:42	7440-43-9	
Chromium	**797**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:42	7440-47-3	
Lead	**1610**	ug/L	100	10	09/24/20 17:01	09/28/20 15:42	7439-92-1	
Selenium	ND	ug/L	150	10	09/24/20 17:01	09/28/20 15:42	7782-49-2	
Silver	ND	ug/L	70.0	10	09/24/20 17:01	09/28/20 15:42	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:25	7440-38-2	
Barium, Dissolved	**68.4**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:25	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:25	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:25	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:25	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:25	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**8.3**	ug/L	0.20	1	09/24/20 12:52	09/25/20 13:45	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 13:06	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 09:27		
TPH-DRO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 09:27		
Surrogates								
Nitrobenzene-d5 (S)	40	%	27-106	1	09/22/20 15:57	09/24/20 09:27	4165-60-0	
2-Fluorobiphenyl (S)	45	%	29-108	1	09/22/20 15:57	09/24/20 09:27	321-60-8	

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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-5-GW-(15-20) **Lab ID: 60348891001** Collected: 09/16/20 17:45 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	55	%	34-129	1	09/22/20 15:57	09/24/20 09:27	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-5-GW-(15-20) **Lab ID: 60348891001** Collected: 09/16/20 17:45 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	85-01-8	
Phenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	27-106	1	09/22/20 17:36	09/24/20 19:08	4165-60-0	
2-Fluorobiphenyl (S)	64	%	29-108	1	09/22/20 17:36	09/24/20 19:08	321-60-8	
Terphenyl-d14 (S)	88	%	34-129	1	09/22/20 17:36	09/24/20 19:08	1718-51-0	
Phenol-d6 (S)	30	%	10-44	1	09/22/20 17:36	09/24/20 19:08	13127-88-3	
2-Fluorophenol (S)	46	%	11-64	1	09/22/20 17:36	09/24/20 19:08	367-12-4	
2,4,6-Tribromophenol (S)	79	%	16-114	1	09/22/20 17:36	09/24/20 19:08	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 05:36	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 05:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 05:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 05:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 05:36	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 05:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 05:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 05:36	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-5-GW-(15-20) **Lab ID: 60348891001** Collected: 09/16/20 17:45 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 05:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 05:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 05:36	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 05:36	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 05:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 05:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 05:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 05:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 05:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 05:36	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 05:36	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:36	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:36	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 05:36	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 05:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 05:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 05:36	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 05:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 05:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 05:36	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 05:36	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 05:36	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 05:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:36	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-5-GW-(15-20) **Lab ID: 60348891001** Collected: 09/16/20 17:45 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 05:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 05:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 05:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 05:36	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 05:36	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	104	%	80-120	1		09/24/20 05:36	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 05:36	17060-07-0	
Toluene-d8 (S)	104	%	80-120	1		09/24/20 05:36	2037-26-5	
Preservation pH	**6.0**		0.10	1		09/24/20 05:36		pH
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 01:03		
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		09/25/20 01:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		09/25/20 01:03	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/25/20 01:03	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 01:03		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-2-GW-(18-23) **Lab ID: 60348891002** Collected: 09/16/20 18:33 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	88	%	30-136	1	09/22/20 17:34	09/25/20 11:28	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	100	10	09/24/20 17:01	09/28/20 15:49	7440-38-2	D3
Barium	**2930**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:49	7440-39-3	
Cadmium	ND	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:49	7440-43-9	
Chromium	**333**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:49	7440-47-3	
Lead	**281**	ug/L	100	10	09/24/20 17:01	09/28/20 15:49	7439-92-1	
Selenium	ND	ug/L	150	10	09/24/20 17:01	09/28/20 15:49	7782-49-2	
Silver	ND	ug/L	70.0	10	09/24/20 17:01	09/28/20 15:49	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	**11.8**	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:40	7440-38-2	
Barium, Dissolved	**151**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:40	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:40	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:40	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:40	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:40	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:40	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**0.49**	ug/L	0.20	1	09/24/20 12:52	09/25/20 13:47	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 13:08	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 09:46		
TPH-DRO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 09:46		
Surrogates								
Nitrobenzene-d5 (S)	45	%	27-106	1	09/22/20 15:57	09/24/20 09:46	4165-60-0	
2-Fluorobiphenyl (S)	51	%	29-108	1	09/22/20 15:57	09/24/20 09:46	321-60-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-2-GW-(18-23) **Lab ID: 60348891002** Collected: 09/16/20 18:33 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	61	%	34-129	1	09/22/20 15:57	09/24/20 09:46	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	83-32-9	
Acenaphthylene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	208-96-8	
Anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	207-08-9	
Benzoic Acid	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	65-85-0	
Benzyl alcohol	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	85-68-7	
Carbazole	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	59-50-7	
4-Chloroaniline	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	91-58-7	
2-Chlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	7005-72-3	
Chrysene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	53-70-3	
Dibenzofuran	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	120-83-2	
Diethylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	105-67-9	
Dimethylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 19:31	117-81-7	
Fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	206-44-0	
Fluorene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-2-GW-(18-23) **Lab ID: 60348891002** Collected: 09/16/20 18:33 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	87-68-3	
Hexachlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	77-47-4	
Hexachloroethane	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	193-39-5	
Isophorone	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	15831-10-4	
Naphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	91-20-3	
2-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	88-74-4	
3-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	99-09-2	
4-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	100-01-6	
Nitrobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	98-95-3	
2-Nitrophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	88-75-5	
4-Nitrophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	86-30-6	
Pentachlorophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	87-86-5	
Phenanthrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	85-01-8	
Phenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	108-95-2	
Pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	129-00-0	
Pyridine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 19:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 19:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	27-106	1	09/22/20 17:36	09/24/20 19:31	4165-60-0	
2-Fluorobiphenyl (S)	61	%	29-108	1	09/22/20 17:36	09/24/20 19:31	321-60-8	
Terphenyl-d14 (S)	87	%	34-129	1	09/22/20 17:36	09/24/20 19:31	1718-51-0	
Phenol-d6 (S)	32	%	10-44	1	09/22/20 17:36	09/24/20 19:31	13127-88-3	
2-Fluorophenol (S)	47	%	11-64	1	09/22/20 17:36	09/24/20 19:31	367-12-4	
2,4,6-Tribromophenol (S)	77	%	16-114	1	09/22/20 17:36	09/24/20 19:31	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 05:50	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 05:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 05:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 05:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 05:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 05:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 05:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 05:50	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-2-GW-(18-23) **Lab ID: 60348891002** Collected: 09/16/20 18:33 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 05:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 05:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 05:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 05:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 05:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 05:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 05:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 05:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 05:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 05:50	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 05:50	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:50	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 05:50	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 05:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 05:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 05:50	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 05:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 05:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 05:50	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 05:50	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 05:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 05:50	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 05:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:50	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-2-GW-(18-23) **Lab ID: 60348891002** Collected: 09/16/20 18:33 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 05:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 05:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 05:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 05:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 05:50	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	104	%	80-120	1		09/24/20 05:50	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117	1		09/24/20 05:50	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		09/24/20 05:50	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 05:50		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 01:19		
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		09/25/20 01:19	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 01:19	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/25/20 01:19	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 01:19		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-6-GW-(19-24) **Lab ID: 60348891003** Collected: 09/16/20 18:56 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:35	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84	%	30-136	1	09/22/20 17:34	09/25/20 11:35	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**179**	ug/L	100	10	09/24/20 17:01	09/28/20 15:52	7440-38-2	
Barium	**5260**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:52	7440-39-3	
Cadmium	ND	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:52	7440-43-9	
Chromium	**784**	ug/L	50.0	10	09/24/20 17:01	09/28/20 15:52	7440-47-3	
Lead	**982**	ug/L	100	10	09/24/20 17:01	09/28/20 15:52	7439-92-1	
Selenium	ND	ug/L	150	10	09/24/20 17:01	09/28/20 15:52	7782-49-2	
Silver	ND	ug/L	70.0	10	09/24/20 17:01	09/28/20 15:52	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:42	7440-38-2	
Barium, Dissolved	**77.8**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:42	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:42	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:42	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:42	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:42	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/05/20 12:30	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**3.0**	ug/L	0.20	1	09/24/20 12:52	09/25/20 11:39	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 13:11	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	0.91	1	09/22/20 15:57	09/24/20 10:06		
TPH-DRO	ND	mg/L	0.91	1	09/22/20 15:57	09/24/20 10:06		
Surrogates								
Nitrobenzene-d5 (S)	60	%	27-106	1	09/22/20 15:57	09/24/20 10:06	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-108	1	09/22/20 15:57	09/24/20 10:06	321-60-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-6-GW-(19-24) **Lab ID: 60348891003** Collected: 09/16/20 18:56 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	70	%	34-129	1	09/22/20 15:57	09/24/20 10:06	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 19:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-6-GW-(19-24) **Lab ID: 60348891003** Collected: 09/16/20 18:56 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	85-01-8	
Phenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 19:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 19:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	27-106	1	09/22/20 17:36	09/24/20 19:54	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-108	1	09/22/20 17:36	09/24/20 19:54	321-60-8	
Terphenyl-d14 (S)	97	%	34-129	1	09/22/20 17:36	09/24/20 19:54	1718-51-0	
Phenol-d6 (S)	31	%	10-44	1	09/22/20 17:36	09/24/20 19:54	13127-88-3	
2-Fluorophenol (S)	47	%	11-64	1	09/22/20 17:36	09/24/20 19:54	367-12-4	
2,4,6-Tribromophenol (S)	80	%	16-114	1	09/22/20 17:36	09/24/20 19:54	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 06:05	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 06:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 06:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 06:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 06:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 06:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 06:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 06:05	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-6-GW-(19-24) **Lab ID: 60348891003** Collected: 09/16/20 18:56 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 06:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 06:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 06:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 06:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 06:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 06:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 06:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 06:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 06:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 06:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 06:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 06:05	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 06:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 06:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 06:05	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 06:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 06:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 06:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 06:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 06:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 06:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 06:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 06:05	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 06:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 06:05	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 06:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 06:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 06:05	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 06:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 06:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 06:05	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 06:05	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 06:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 06:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 06:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 06:05	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 06:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 06:05	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: DPT-6-GW-(19-24) **Lab ID: 60348891003** Collected: 09/16/20 18:56 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 06:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 06:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 06:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 06:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 06:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 06:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 06:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 06:05	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		09/24/20 06:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 06:05	17060-07-0	
Toluene-d8 (S)	105	%	80-120	1		09/24/20 06:05	2037-26-5	
Preservation pH	**6.0**		0.10	1		09/24/20 06:05		pH
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 01:35		
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		09/25/20 01:35	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		09/25/20 01:35	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117	1		09/25/20 01:35	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 01:35		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: WE BUILDING-GW-TB2 **Lab ID: 60348891004** Collected: 09/16/20 19:39 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 02:29	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 02:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 02:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 02:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 02:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 02:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 02:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 02:29	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 02:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 02:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 02:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 02:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 02:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 02:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 02:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 02:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 02:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 02:29	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 02:29	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:29	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 02:29	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 02:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 02:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 02:29	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 02:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 02:29	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: WE BUILDING-GW-TB2 **Lab ID: 60348891004** Collected: 09/16/20 19:39 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 02:29	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 02:29	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 02:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 02:29	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 02:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 02:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 02:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 02:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 02:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 02:29	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	104	%	80-120	1		09/24/20 02:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 02:29	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		09/24/20 02:29	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 02:29		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: RINSATE BLANK **Lab ID: 60348891005** Collected: 09/16/20 19:57 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 02:15	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 02:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 02:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 02:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 02:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 02:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 02:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 02:15	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 02:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 02:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 02:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 02:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 02:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 02:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 02:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 02:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 02:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 02:15	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 02:15	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:15	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 02:15	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 02:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 02:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 02:15	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 02:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 02:15	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348891

Sample: RINSATE BLANK **Lab ID: 60348891005** Collected: 09/16/20 19:57 Received: 09/19/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 02:15	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 02:15	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 02:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 02:15	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 02:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 02:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 02:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 02:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 02:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 02:15	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	105	%	80-120	1		09/24/20 02:15	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/24/20 02:15	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		09/24/20 02:15	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 02:15		

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678729
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2744320 Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/25/20 10:31	

LABORATORY CONTROL SAMPLE: 2744321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744322 2744323

Parameter	Units	60347988002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.13 mg/L	5	5	214	142	1620	176	75-125	41	20	M1,R1

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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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 677968
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2741844 Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	09/22/20 12:39	

LABORATORY CONTROL SAMPLE: 2741845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741846 2741847

Parameter	Units	60348648005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	5.1	5.2	102	103	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678738
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2744366
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	09/28/20 15:37	
Barium	ug/L	ND	5.0	09/28/20 15:37	
Cadmium	ug/L	ND	5.0	09/28/20 15:37	
Chromium	ug/L	ND	5.0	09/28/20 15:37	
Lead	ug/L	ND	10.0	09/28/20 15:37	
Selenium	ug/L	ND	15.0	09/28/20 15:37	
Silver	ug/L	ND	7.0	09/28/20 15:37	

LABORATORY CONTROL SAMPLE: 2744367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	939	94	80-120	
Barium	ug/L	1000	931	93	80-120	
Cadmium	ug/L	1000	972	97	80-120	
Chromium	ug/L	1000	947	95	80-120	
Lead	ug/L	1000	991	99	80-120	
Selenium	ug/L	1000	984	98	80-120	
Silver	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744368 2744369

Parameter	Units	60348891002 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	1050	1010	96	92	75-125	3	20	
Barium	ug/L	2930	1000	1000	3830	3960	90	103	75-125	3	20	
Cadmium	ug/L	ND	1000	1000	951	940	95	94	75-125	1	20	
Chromium	ug/L	333	1000	1000	1290	1310	96	98	75-125	2	20	
Lead	ug/L	281	1000	1000	1250	1240	97	96	75-125	1	20	
Selenium	ug/L	ND	1000	1000	819	780	82	78	75-125	5	20	
Silver	ug/L	ND	500	500	485	434	97	87	75-125	11	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 680316
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2750140 Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/02/20 15:20	
Barium, Dissolved	ug/L	ND	5.0	10/02/20 15:20	
Cadmium, Dissolved	ug/L	ND	5.0	10/02/20 15:20	
Chromium, Dissolved	ug/L	ND	5.0	10/02/20 15:20	
Lead, Dissolved	ug/L	ND	10.0	10/02/20 15:20	
Selenium, Dissolved	ug/L	ND	15.0	10/02/20 15:20	
Silver, Dissolved	ug/L	ND	7.0	10/02/20 15:20	

LABORATORY CONTROL SAMPLE: 2750141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	934	93	80-120	
Barium, Dissolved	ug/L	1000	904	90	80-120	
Cadmium, Dissolved	ug/L	1000	951	95	80-120	
Chromium, Dissolved	ug/L	1000	939	94	80-120	
Lead, Dissolved	ug/L	1000	968	97	80-120	
Selenium, Dissolved	ug/L	1000	979	98	80-120	
Silver, Dissolved	ug/L	500	465	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750142 2750143

Parameter	Units	60348891001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	970	1000	97	100	75-125	3	20	
Barium, Dissolved	ug/L	68.4	1000	1000	992	1000	92	93	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	957	975	95	97	75-125	2	20	
Chromium, Dissolved	ug/L	ND	1000	1000	936	945	93	94	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	950	969	95	97	75-125	2	20	
Selenium, Dissolved	ug/L	ND	1000	1000	980	994	98	99	75-125	1	20	
Silver, Dissolved	ug/L	ND	500	500	466	473	93	95	75-125	1	20	

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: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678368
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003, 60348891004, 60348891005

METHOD BLANK: 2743050
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003, 60348891004, 60348891005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
2,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
2-Butanone (MEK)	ug/L	ND	10.0	09/24/20 02:00	
2-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
2-Hexanone	ug/L	ND	10.0	09/24/20 02:00	
4-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/24/20 02:00	
Acetone	ug/L	ND	10.0	09/24/20 02:00	
Benzene	ug/L	ND	1.0	09/24/20 02:00	
Bromobenzene	ug/L	ND	1.0	09/24/20 02:00	
Bromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromodichloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromoform	ug/L	ND	1.0	09/24/20 02:00	
Bromomethane	ug/L	ND	5.0	09/24/20 02:00	
Carbon disulfide	ug/L	ND	5.0	09/24/20 02:00	
Carbon tetrachloride	ug/L	ND	1.0	09/24/20 02:00	
Chlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
Chloroethane	ug/L	ND	1.0	09/24/20 02:00	
Chloroform	ug/L	ND	1.0	09/24/20 02:00	
Chloromethane	ug/L	ND	1.0	09/24/20 02:00	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

METHOD BLANK: 2743050 Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003, 60348891004, 60348891005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Dibromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Dibromomethane	ug/L	ND	1.0	09/24/20 02:00	
Dichlorodifluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Ethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/24/20 02:00	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/24/20 02:00	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/24/20 02:00	
Methylene Chloride	ug/L	ND	1.0	09/24/20 02:00	
n-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
n-Propylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Naphthalene	ug/L	ND	10.0	09/24/20 02:00	
p-Isopropyltoluene	ug/L	ND	1.0	09/24/20 02:00	
sec-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Styrene	ug/L	ND	1.0	09/24/20 02:00	
tert-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Tetrachloroethene	ug/L	ND	1.0	09/24/20 02:00	
Toluene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Trichloroethene	ug/L	ND	1.0	09/24/20 02:00	
Trichlorofluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Vinyl chloride	ug/L	ND	1.0	09/24/20 02:00	
Xylene (Total)	ug/L	ND	3.0	09/24/20 02:00	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/24/20 02:00	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 02:00	
Toluene-d8 (S)	%	105	80-120	09/24/20 02:00	

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.1	85	85-118	
1,1,1-Trichloroethane	ug/L	20	17.3	87	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.3	86	78-118	
1,1,2-Trichloroethane	ug/L	20	19.8	99	82-117	
1,1-Dichloroethane	ug/L	20	18.6	93	85-120	
1,1-Dichloroethene	ug/L	20	21.1	106	81-124	
1,1-Dichloropropene	ug/L	20	16.5	82	71-119	
1,2,3-Trichlorobenzene	ug/L	20	18.5	92	76-120	
1,2,3-Trichloropropane	ug/L	20	21.0	105	78-123	
1,2,4-Trichlorobenzene	ug/L	20	17.5	87	77-117	
1,2,4-Trimethylbenzene	ug/L	20	19.8	99	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	14.0	70	68-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	83-120	
1,2-Dichlorobenzene	ug/L	20	20.6	103	80-120	
1,2-Dichloroethane	ug/L	20	19.0	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	37.3	93	84-118	
1,2-Dichloropropane	ug/L	20	18.3	92	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.3	101	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	101	80-120	
1,3-Dichloropropane	ug/L	20	19.6	98	85-120	
1,4-Dichlorobenzene	ug/L	20	19.5	97	84-115	
2,2-Dichloropropane	ug/L	20	14.0	70	60-129	
2-Butanone (MEK)	ug/L	100	97.7	98	70-125	
2-Chlorotoluene	ug/L	20	19.8	99	84-115	
2-Hexanone	ug/L	100	103	103	76-126	
4-Chlorotoluene	ug/L	20	19.5	98	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	73-131	
Acetone	ug/L	100	110	110	59-135	
Benzene	ug/L	20	19.1	96	82-115	
Bromobenzene	ug/L	20	20.0	100	84-115	
Bromochloromethane	ug/L	20	21.1	105	85-125	
Bromodichloromethane	ug/L	20	16.5	83	82-123	
Bromoform	ug/L	20	14.0	70	66-133	
Bromomethane	ug/L	20	17.6	88	27-179	
Carbon disulfide	ug/L	20	24.0	120	72-134	
Carbon tetrachloride	ug/L	20	16.8	84	80-121	
Chlorobenzene	ug/L	20	20.1	101	80-120	
Chloroethane	ug/L	20	21.4	107	78-145	
Chloroform	ug/L	20	18.4	92	84-116	
Chloromethane	ug/L	20	15.1	76	48-160	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	85-115	
cis-1,3-Dichloropropene	ug/L	20	16.7	83	85-117	L2
Dibromochloromethane	ug/L	20	16.3	82	82-122	
Dibromomethane	ug/L	20	19.5	98	81-122	
Dichlorodifluoromethane	ug/L	20	9.6	48	50-173	L2
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	18.4	92	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	84-117	
Methyl-tert-butyl ether	ug/L	20	19.9	100	77-126	
Methylene Chloride	ug/L	20	23.4	117	80-126	
n-Butylbenzene	ug/L	20	20.2	101	81-120	
n-Propylbenzene	ug/L	20	20.1	100	80-116	
Naphthalene	ug/L	20	17.6	88	73-126	
p-Isopropyltoluene	ug/L	20	18.8	94	74-121	
sec-Butylbenzene	ug/L	20	22.6	113	75-130	
Styrene	ug/L	20	21.0	105	80-117	
tert-Butylbenzene	ug/L	20	20.1	100	84-116	
Tetrachloroethene	ug/L	20	19.6	98	83-119	
Toluene	ug/L	20	19.7	98	83-115	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	18.7	94	80-124	
trans-1,3-Dichloropropene	ug/L	20	17.5	87	83-117	
Trichloroethene	ug/L	20	20.6	103	80-118	
Trichlorofluoromethane	ug/L	20	22.5	112	83-133	
Vinyl chloride	ug/L	20	19.0	95	76-144	
Xylene (Total)	ug/L	60	61.2	102	82-120	
1,2-Dichloroethane-d4 (S)	%			101	86-117	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678743
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348891001

METHOD BLANK: 2744378
Matrix: Water
Associated Lab Samples: 60348891001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	09/24/20 13:59	
1,2-Dichloroethane-d4 (S)	%	100	86-117	09/24/20 13:59	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 13:59	
Toluene-d8 (S)	%	101	80-120	09/24/20 13:59	

LABORATORY CONTROL SAMPLE: 2744379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	20	21.7	109	80-117	
1,2-Dichloroethane-d4 (S)	%			102	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678698
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV MO GRO Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2744202
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 00:31	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 00:31	
4-Bromofluorobenzene (S)	%	97	80-120	09/25/20 00:31	
Toluene-d8 (S)	%	97	80-120	09/25/20 00:31	

LABORATORY CONTROL SAMPLE: 2744203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3860	96	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			97	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678318
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2742801
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	09/24/20 12:03	
Decachlorobiphenyl (S)	%	84	30-136	09/24/20 12:03	

LABORATORY CONTROL SAMPLE: 2742802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.8	76	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	93	64-123	
Decachlorobiphenyl (S)	%			88	30-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678084
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2742157
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/24/20 04:00	
TPH-ORO	mg/L	ND	1.0	09/24/20 04:00	
2-Fluorobiphenyl (S)	%	39	29-108	09/24/20 04:00	
Nitrobenzene-d5 (S)	%	36	27-106	09/24/20 04:00	
Terphenyl-d14 (S)	%	39	34-129	09/24/20 04:00	

LABORATORY CONTROL SAMPLE: 2742158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	40.9	41	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			36	27-106	
Terphenyl-d14 (S)	%			50	34-129	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

QC Batch: 678083
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348891001, 60348891002, 60348891003

METHOD BLANK: 2742155
Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dimethylphenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dinitrophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2-Chloronaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Chlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2-Methylnaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/24/20 16:50	
2-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
2-Nitrophenol	ug/L	ND	10.0	09/24/20 16:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/24/20 16:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/24/20 16:50	
3-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/24/20 16:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/24/20 16:50	
4-Chloroaniline	ug/L	ND	20.0	09/24/20 16:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4-Nitrophenol	ug/L	ND	50.0	09/24/20 16:50	
Acenaphthene	ug/L	ND	10.0	09/24/20 16:50	
Acenaphthylene	ug/L	ND	10.0	09/24/20 16:50	
Anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzoic Acid	ug/L	ND	50.0	09/24/20 16:50	
Benzyl alcohol	ug/L	ND	20.0	09/24/20 16:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/24/20 16:50	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

METHOD BLANK: 2742155 Matrix: Water
Associated Lab Samples: 60348891001, 60348891002, 60348891003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/24/20 16:50	
Butylbenzylphthalate	ug/L	ND	20.0	09/24/20 16:50	
Carbazole	ug/L	ND	10.0	09/24/20 16:50	
Chrysene	ug/L	ND	10.0	09/24/20 16:50	
Di-n-butylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Di-n-octylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Dibenzofuran	ug/L	ND	10.0	09/24/20 16:50	
Diethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dimethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Fluorene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloroethane	ug/L	ND	10.0	09/24/20 16:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Isophorone	ug/L	ND	10.0	09/24/20 16:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/24/20 16:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/24/20 16:50	
Naphthalene	ug/L	ND	10.0	09/24/20 16:50	
Nitrobenzene	ug/L	ND	10.0	09/24/20 16:50	
Pentachlorophenol	ug/L	ND	50.0	09/24/20 16:50	
Phenanthrene	ug/L	ND	10.0	09/24/20 16:50	
Phenol	ug/L	ND	10.0	09/24/20 16:50	
Pyrene	ug/L	ND	10.0	09/24/20 16:50	
Pyridine	ug/L	ND	10.0	09/24/20 16:50	
2,4,6-Tribromophenol (S)	%	75	16-114	09/24/20 16:50	
2-Fluorobiphenyl (S)	%	61	29-108	09/24/20 16:50	
2-Fluorophenol (S)	%	45	11-64	09/24/20 16:50	
Nitrobenzene-d5 (S)	%	74	27-106	09/24/20 16:50	
Phenol-d6 (S)	%	28	10-44	09/24/20 16:50	
Terphenyl-d14 (S)	%	94	34-129	09/24/20 16:50	

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	18.9	38	22-109	
1,2-Dichlorobenzene	ug/L	50	19.0	38	18-107	
1,3-Dichlorobenzene	ug/L	50	17.7	35	16-105	
1,4-Dichlorobenzene	ug/L	50	18.1	36	17-105	
2,4,5-Trichlorophenol	ug/L	50	36.1J	72	25-126	
2,4,6-Trichlorophenol	ug/L	50	35.6	71	23-124	
2,4-Dichlorophenol	ug/L	50	35.8	72	26-116	

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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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	37.9	76	36-98	
2,4-Dinitrophenol	ug/L	50	35.9J	72	11-138	
2,4-Dinitrotoluene	ug/L	50	38.4	77	30-127	
2,6-Dinitrotoluene	ug/L	50	37.4	75	30-125	
2-Chloronaphthalene	ug/L	50	24.5	49	28-115	
2-Chlorophenol	ug/L	50	34.3	69	25-107	
2-Methylnaphthalene	ug/L	50	23.6	47	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	30-94	
2-Nitroaniline	ug/L	50	36.3J	73	29-126	
2-Nitrophenol	ug/L	50	34.9	70	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.1	56	26-89	
3,3'-Dichlorobenzidine	ug/L	50	42.4	85	24-140	
3-Nitroaniline	ug/L	50	36.9J	74	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35J	70	21-135	
4-Bromophenylphenyl ether	ug/L	50	34.3	69	30-121	
4-Chloro-3-methylphenol	ug/L	50	36.8	74	28-117	
4-Chloroaniline	ug/L	50	36.9	74	22-136	
4-Chlorophenylphenyl ether	ug/L	50	32.9	66	30-119	
4-Nitroaniline	ug/L	50	39.6J	79	31-129	
4-Nitrophenol	ug/L	50	15.9J	32	10-64	
Acenaphthene	ug/L	50	30.9	62	29-117	
Acenaphthylene	ug/L	50	32.1	64	27-119	
Anthracene	ug/L	50	37.8	76	27-124	
Benzo(a)anthracene	ug/L	50	41.9	84	30-124	
Benzo(a)pyrene	ug/L	50	40.4	81	29-123	
Benzo(b)fluoranthene	ug/L	50	43.8	88	29-127	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	30-124	
Benzo(k)fluoranthene	ug/L	50	39.3	79	29-125	
Benzoic Acid	ug/L	50	11.1J	22	10-71	
Benzyl alcohol	ug/L	50	34.7	69	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.5	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	34.6	69	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	32.1	64	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.9	86	35-128	
Butylbenzylphthalate	ug/L	50	43.7	87	28-114	
Carbazole	ug/L	50	40.2	80	31-124	
Chrysene	ug/L	50	41.8	84	31-124	
Di-n-butylphthalate	ug/L	50	41.4	83	29-130	
Di-n-octylphthalate	ug/L	50	43.6	87	27-135	
Dibenz(a,h)anthracene	ug/L	50	42.1	84	30-125	
Dibenzofuran	ug/L	50	31.5	63	30-118	
Diethylphthalate	ug/L	50	39.3	79	30-123	
Dimethylphthalate	ug/L	50	37.8	76	29-121	
Fluoranthene	ug/L	50	40.2	80	31-126	
Fluorene	ug/L	50	33.7	67	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.2	36	14-107	
Hexachlorobenzene	ug/L	50	36.0	72	29-123	

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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(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348891

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	16.0	32	10-56	
Hexachloroethane	ug/L	50	16.5	33	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.5	85	29-124	
Isophorone	ug/L	50	37.8	76	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	36.7	73	28-117	
N-Nitrosodiphenylamine	ug/L	50	37.6	75	30-122	
Naphthalene	ug/L	50	23.8	48	25-111	
Nitrobenzene	ug/L	50	33.4	67	28-116	
Pentachlorophenol	ug/L	50	37.5J	75	17-134	
Phenanthrene	ug/L	50	37.5	75	30-121	
Phenol	ug/L	50	14.5	29	10-58	
Pyrene	ug/L	50	40.1	80	31-124	
Pyridine	ug/L	50	17.3	35	10-73	
2,4,6-Tribromophenol (S)	%			79	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			43	11-64	
Nitrobenzene-d5 (S)	%			73	27-106	
Phenol-d6 (S)	%			28	10-44	
Terphenyl-d14 (S)	%			88	34-129	

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: WE BUILDING
Pace Project No.: 60348891

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.

BATCH QUALIFIERS

Batch: 678368

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 678698

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 678743

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WE BUILDING
Pace Project No.: 60348891

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348891001	**DPT-5-GW-(15-20)**	EPA 3510	678318	EPA 8082	678663
60348891002	**DPT-2-GW-(18-23)**	EPA 3510	678318	EPA 8082	678663
60348891003	**DPT-6-GW-(19-24)**	EPA 3510	678318	EPA 8082	678663
60348891001	**DPT-5-GW-(15-20)**	EPA 3010	678738	EPA 6010	678977
60348891002	**DPT-2-GW-(18-23)**	EPA 3010	678738	EPA 6010	678977
60348891003	**DPT-6-GW-(19-24)**	EPA 3010	678738	EPA 6010	678977
60348891001	**DPT-5-GW-(15-20)**	EPA 3010	680316	EPA 6010	680441
60348891002	**DPT-2-GW-(18-23)**	EPA 3010	680316	EPA 6010	680441
60348891003	**DPT-6-GW-(19-24)**	EPA 3010	680316	EPA 6010	680441
60348891001	**DPT-5-GW-(15-20)**	EPA 7470	678729	EPA 7470	678788
60348891002	**DPT-2-GW-(18-23)**	EPA 7470	678729	EPA 7470	678788
60348891003	**DPT-6-GW-(19-24)**	EPA 7470	678729	EPA 7470	678788
60348891001	**DPT-5-GW-(15-20)**	EPA 7470	677968	EPA 7470	678069
60348891002	**DPT-2-GW-(18-23)**	EPA 7470	677968	EPA 7470	678069
60348891003	**DPT-6-GW-(19-24)**	EPA 7470	677968	EPA 7470	678069
60348891001	**DPT-5-GW-(15-20)**	EPA 3510C	678084	EPA 8270	678562
60348891002	**DPT-2-GW-(18-23)**	EPA 3510C	678084	EPA 8270	678562
60348891003	**DPT-6-GW-(19-24)**	EPA 3510C	678084	EPA 8270	678562
60348891001	**DPT-5-GW-(15-20)**	EPA 3510	678083	EPA 8270	678831
60348891002	**DPT-2-GW-(18-23)**	EPA 3510	678083	EPA 8270	678831
60348891003	**DPT-6-GW-(19-24)**	EPA 3510	678083	EPA 8270	678831
60348891001	**DPT-5-GW-(15-20)**	EPA 5030B/8260	678368		
60348891001	**DPT-5-GW-(15-20)**	EPA 5030B/8260	678743		
60348891002	**DPT-2-GW-(18-23)**	EPA 5030B/8260	678368		
60348891003	**DPT-6-GW-(19-24)**	EPA 5030B/8260	678368		
60348891004	**WE BUILDING-GW-TB2**	EPA 5030B/8260	678368		
60348891005	**RINSATE BLANK**	EPA 5030B/8260	678368		
60348891001	**DPT-5-GW-(15-20)**	EPA 8260	678698		
60348891002	**DPT-2-GW-(18-23)**	EPA 8260	678698		
60348891003	**DPT-6-GW-(19-24)**	EPA 8260	678698		

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Sample Condition Upon Receipt

WO# : 60348891

60348891

Client Name: TetraTech EMI

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☑ Client ☐ Other ☐

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☐

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

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☑ ZPLC

Thermometer Used: T299 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 1.3 **Corr. Factor** +0.2 **Corrected** 1.5

Date and initials of person examining contents: 091820 MLK

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	Containers for dissolved metals don't say field filtered but compared to the DP3N's, they appear to be filtered.
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	There is a layer of sediment in all vials for all samples.
Filtered volume received for dissolved tests?	☑Yes ☐No ☐N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: WT	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT# U0317 3	☑Yes ☑No ☐N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added. Initial pH of the DP3N for DPT-5 + DPT-6 were 7.0 + 7.0, respectively. Added 2.0 mL HNO3 (Lot # to 2710608) on 091920 MLK 9/19/20 @ 0740. Final pH are 1.0 + 3.5, respectively
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jeffrey Shopper Date: _____

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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.

Complete

Page: 1 of 1

Section A Required Client Information:

Company:	Tetra Tech EMI
Address:	415 Oak
	Kansas City, MO 64106
Email To:	kaitlyn.mitchell@tetratech.com
Phone: (816) 412-1742	Fax: (816) 410-1748
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Kaitlyn Mitchell
Copy To:	
Purchase Order No.:	
Project Name:	WE Building
Project Number:	

Section C Invoice Information:

Attention:	Kaitlyn Mitchell
Company Name:	Tetra Tech EMI
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jeffrey Shopper 913-563-1408
Pace Profile #:	8083

REGULATORY AGENCY

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

Site Location STATE: KS

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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	Analysis Test (Y/N): 8082 PCBs	8270 DRO/ORO	RCRA 8 Metals	8270 SVOCs	8260 VOCs	8260 GRO	RCRA 8 Metals (Dissolved)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	DPT-5-GW-(15-20)	WT	G			9/16/20	1745		13	6		2	5					X	X	X	X	X	X	X		60348891
2	DPT-2-GW-(18-23)	WT	G				1833		13	6		2	5					X	X	X	X	X	X	X		
3	DPT-6-GW-(19-24)	WT	G				1856		13	6		2	5					X	X	X	X	X	X	X		
4	WEBuilding-GW-TB2	WT	G				1939		2				2								X					
5	RinSate Blank	WT	G				1957		3				3								X					
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Stephanie Cuples	9/17/20	1011	MKeller/Pace	9/18/20	0418	1.5	Y	Y	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephanie Cuples + Ryan Slanczka

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 09/17/20

*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.08, 12-Oct-2007

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 02, 2020

Kaitlyn Mitchell
Tetra Tech EMI
415 Oak
Kansas City, MO 64106

RE: Project: WE BUILDING
Pace Project No.: 60348893

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Heather M. Wilson

Heather Wilson for
Jeffrey Shopper
jeff.shopper@pacelabs.com
1(913)563-1408
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: WE BUILDING
Pace Project No.: 60348893

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: WE BUILDING
Pace Project No.: 60348893

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348893001	**DPT-4-SO-(5-7)-FD**	Solid	09/16/20 16:45	09/18/20 04:15
60348893002	**DPT-1-GW-(20-25)-FD**	Water	09/16/20 12:10	09/18/20 04:15
60348893003	**WE BUILDING-GW-TB1**	Water	09/16/20 19:32	09/18/20 04:15

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SAMPLE ANALYTE COUNT

Project: WE BUILDING
Pace Project No.: 60348893

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	KJM	5	PASI-K
60348893003	**WE BUILDING-GW-TB1**	EPA 5030B/8260	PGH	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-4-SO-(5-7)-FD **Lab ID: 60348893001** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.0	1	09/22/20 13:31	09/23/20 22:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	80	%	28-143	1	09/22/20 13:31	09/23/20 22:52	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**9.6**	mg/kg	1.3	1	10/01/20 11:39	10/02/20 13:49	7440-38-2	
Barium	**484**	mg/kg	0.63	1	10/01/20 11:39	10/02/20 13:49	7440-39-3	
Cadmium	ND	mg/kg	0.63	1	10/01/20 11:39	10/02/20 13:49	7440-43-9	
Chromium	**21.1**	mg/kg	0.63	1	10/01/20 11:39	10/02/20 13:49	7440-47-3	
Lead	**29.9**	mg/kg	1.3	1	10/01/20 11:39	10/02/20 13:49	7439-92-1	
Selenium	ND	mg/kg	1.9	1	10/01/20 11:39	10/02/20 13:49	7782-49-2	
Silver	ND	mg/kg	0.88	1	10/01/20 11:39	10/02/20 13:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.056	1	09/28/20 14:40	09/29/20 12:52	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	**410**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	83-32-9	
Acenaphthylene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	208-96-8	
Anthracene	**748**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	120-12-7	
Benzo(a)anthracene	**908**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	56-55-3	
Benzo(a)pyrene	**659**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	50-32-8	
Benzo(b)fluoranthene	**782**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	207-08-9	
Benzoic Acid	ND	ug/kg	2020	1	09/27/20 13:01	09/29/20 18:36	65-85-0	L1
Benzyl alcohol	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	101-55-3	
Butylbenzylphthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	85-68-7	
Carbazole	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	59-50-7	
4-Chloroaniline	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	108-60-1	
2-Chloronaphthalene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-4-SO-(5-7)-FD **Lab ID: 60348893001** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	7005-72-3	
Chrysene	**691**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	53-70-3	
Dibenzofuran	**630**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	120-83-2	
Diethylphthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	105-67-9	
Dimethylphthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	131-11-3	
Di-n-butylphthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2020	1	09/27/20 13:01	09/29/20 18:36	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2020	1	09/27/20 13:01	09/29/20 18:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	606-20-2	
Di-n-octylphthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	117-81-7	
Fluoranthene	**1830**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	206-44-0	
Fluorene	**655**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	87-68-3	
Hexachlorobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	77-47-4	
Hexachloroethane	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	193-39-5	
Isophorone	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	78-59-1	
2-Methylnaphthalene	**706**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	15831-10-4	
Naphthalene	**1990**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	91-20-3	
2-Nitroaniline	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	88-74-4	
3-Nitroaniline	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	99-09-2	
4-Nitroaniline	ND	ug/kg	800	1	09/27/20 13:01	09/29/20 18:36	100-01-6	
Nitrobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	98-95-3	
2-Nitrophenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	88-75-5	
4-Nitrophenol	ND	ug/kg	2020	1	09/27/20 13:01	09/29/20 18:36	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	86-30-6	
Pentachlorophenol	ND	ug/kg	2020	1	09/27/20 13:01	09/29/20 18:36	87-86-5	
Phenanthrene	**2540**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	85-01-8	
Phenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	108-95-2	
Pyrene	**1560**	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	129-00-0	
Pyridine	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-4-SO-(5-7)-FD **Lab ID: 60348893001** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	400	1	09/27/20 13:01	09/29/20 18:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/27/20 13:01	09/29/20 18:36	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-136	1	09/27/20 13:01	09/29/20 18:36	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	09/27/20 13:01	09/29/20 18:36	1718-51-0	
Phenol-d6 (S)	65	%	43-95	1	09/27/20 13:01	09/29/20 18:36	13127-88-3	
2-Fluorophenol (S)	64	%	43-96	1	09/27/20 13:01	09/29/20 18:36	367-12-4	
2,4,6-Tribromophenol (S)	67	%	41-108	1	09/27/20 13:01	09/29/20 18:36	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**211J**	mg/kg	232	5	09/25/20 15:43	09/29/20 01:13		
TPH-DRO	**132J**	mg/kg	232	5	09/25/20 15:43	09/29/20 01:13		
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	5	09/25/20 15:43	09/29/20 01:13	4165-60-0	D3,P3, S0
2-Fluorobiphenyl (S)	0	%	39-136	5	09/25/20 15:43	09/29/20 01:13	321-60-8	S0
Terphenyl-d14 (S)	0	%	29-131	5	09/25/20 15:43	09/29/20 01:13	1718-51-0	S0
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**21.2**	ug/kg	15.5	1	09/22/20 09:57	09/22/20 13:32	67-64-1	
Benzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-27-4	
Bromoform	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-25-2	
Bromomethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.8	1	09/22/20 09:57	09/22/20 13:32	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.4	1	09/22/20 09:57	09/22/20 13:32	98-06-6	
Carbon disulfide	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	108-90-7	
Chloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-00-3	
Chloroform	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	67-66-3	
Chloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	1	09/22/20 09:57	09/22/20 13:32	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	106-93-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-4-SO-(5-7)-FD **Lab ID: 60348893001** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Dibromomethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	87-68-3	
2-Hexanone	ND	ug/kg	15.5	1	09/22/20 09:57	09/22/20 13:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	99-87-6	
Methylene Chloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.8	1	09/22/20 09:57	09/22/20 13:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	1634-04-4	
Naphthalene	**14.4**	ug/kg	7.8	1	09/22/20 09:57	09/22/20 13:32	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	103-65-1	
Styrene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	127-18-4	
Toluene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	108-67-8	
Vinyl chloride	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	75-01-4	
Xylene (Total)	ND	ug/kg	3.9	1	09/22/20 09:57	09/22/20 13:32	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/22/20 09:57	09/22/20 13:32	2037-26-5	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-4-SO-(5-7)-FD **Lab ID: 60348893001** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	99	%	85-115	1	09/22/20 09:57	09/22/20 13:32	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	78-118	1	09/22/20 09:57	09/22/20 13:32	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.39	1	09/22/20 09:29	09/22/20 13:32		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/22/20 09:29	09/22/20 13:32	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/22/20 09:29	09/22/20 13:32	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/22/20 09:29	09/22/20 13:32	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**20.7**	%	0.50	1		09/23/20 17:02		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-1-GW-(20-25)-FD **Lab ID: 60348893002** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:06	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	30-136	1	09/22/20 17:34	09/25/20 11:06	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**136**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:16	7440-38-2	
Barium	**3010**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:16	7440-39-3	
Cadmium	**9.6**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:16	7440-43-9	
Chromium	**316**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:16	7440-47-3	
Lead	**1910**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:16	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 10:35	10/01/20 19:16	7782-49-2	
Silver	**7.0**	ug/L	7.0	1	10/01/20 10:35	10/01/20 19:16	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:16	7440-38-2	
Barium, Dissolved	**140**	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:16	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:16	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:16	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:16	7439-92-1	
Selenium, Dissolved	**30.4**	ug/L	15.0	1	10/01/20 10:35	10/02/20 10:16	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 10:35	10/02/20 10:16	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**48.8**	ug/L	4.0	20	09/24/20 12:52	09/25/20 13:28	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 13:02	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	1.0	1	09/22/20 15:57	09/24/20 10:26		
TPH-DRO	ND	mg/L	1.0	1	09/22/20 15:57	09/24/20 10:26		
Surrogates								
Nitrobenzene-d5 (S)	58	%	27-106	1	09/22/20 15:57	09/24/20 10:26	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-108	1	09/22/20 15:57	09/24/20 10:26	321-60-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-1-GW-(20-25)-FD **Lab ID: 60348893002** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	66	%	34-129	1	09/22/20 15:57	09/24/20 10:26	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 20:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-1-GW-(20-25)-FD **Lab ID: 60348893002** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	85-01-8	
Phenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 20:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 20:17	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	27-106	1	09/22/20 17:36	09/24/20 20:17	4165-60-0	
2-Fluorobiphenyl (S)	67	%	29-108	1	09/22/20 17:36	09/24/20 20:17	321-60-8	
Terphenyl-d14 (S)	95	%	34-129	1	09/22/20 17:36	09/24/20 20:17	1718-51-0	
Phenol-d6 (S)	29	%	10-44	1	09/22/20 17:36	09/24/20 20:17	13127-88-3	
2-Fluorophenol (S)	45	%	11-64	1	09/22/20 17:36	09/24/20 20:17	367-12-4	
2,4,6-Tribromophenol (S)	76	%	16-114	1	09/22/20 17:36	09/24/20 20:17	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**11.3**	ug/L	10.0	1		09/24/20 05:07	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 05:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 05:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 05:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 05:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 05:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 05:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 05:07	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-1-GW-(20-25)-FD **Lab ID: 60348893002** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 05:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 05:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 05:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 05:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 05:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 05:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 05:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 05:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 05:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 05:07	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 05:07	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:07	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 05:07	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 05:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 05:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 05:07	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 05:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 05:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 05:07	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 05:07	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 05:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 05:07	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 05:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:07	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: DPT-1-GW-(20-25)-FD **Lab ID: 60348893002** Collected: 09/16/20 12:10 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 05:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 05:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 05:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 05:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 05:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 05:07	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		09/24/20 05:07	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 05:07	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		09/24/20 05:07	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 05:07		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 18:11		
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		09/25/20 18:11	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-120	1		09/25/20 18:11	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	86-117	1		09/25/20 18:11	17060-07-0	
Preservation pH	**3.0**		0.10	1		09/25/20 18:11		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: WE BUILDING-GW-TB1 **Lab ID: 60348893003** Collected: 09/16/20 19:32 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 02:58	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 02:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 02:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 02:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 02:58	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 02:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 02:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 02:58	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 02:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 02:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 02:58	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 02:58	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 02:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 02:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 02:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 02:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 02:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 02:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 02:58	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 02:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 02:58	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 02:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 02:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:58	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 02:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 02:58	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 02:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 02:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 02:58	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 02:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 02:58	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348893

Sample: WE BUILDING-GW-TB1 **Lab ID: 60348893003** Collected: 09/16/20 19:32 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 02:58	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 02:58	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 02:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 02:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 02:58	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 02:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 02:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 02:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 02:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 02:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 02:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 02:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 02:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 02:58	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	1		09/24/20 02:58	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/24/20 02:58	17060-07-0	
Toluene-d8 (S)	103	%	80-120	1		09/24/20 02:58	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 02:58		

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678729
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2744320 Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/25/20 10:31	

LABORATORY CONTROL SAMPLE: 2744321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744322 2744323

Parameter	Units	60347988002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.13 mg/L	5	5	214	142	1620	176	75-125	41	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 677968
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2741844 Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	09/22/20 12:39	

LABORATORY CONTROL SAMPLE: 2741845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741846 2741847

Parameter	Units	60348648005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	5.1	5.2	102	103	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 679313
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893001

METHOD BLANK: 2746899
Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	09/29/20 12:20	

LABORATORY CONTROL SAMPLE: 2746900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746901 2746902

Parameter	Units	60348842021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.021J	0.52	0.51	0.50	0.48	92	91	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 680128
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893001

METHOD BLANK: 2749566
Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/02/20 13:23	
Barium	mg/kg	ND	0.50	10/02/20 13:23	
Cadmium	mg/kg	ND	0.50	10/02/20 13:23	
Chromium	mg/kg	ND	0.50	10/02/20 13:23	
Lead	mg/kg	ND	1.0	10/02/20 13:23	
Selenium	mg/kg	ND	1.5	10/02/20 13:23	
Silver	mg/kg	ND	0.70	10/02/20 13:23	

LABORATORY CONTROL SAMPLE: 2749567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.4	96	80-120	
Barium	mg/kg	100	100	100	80-120	
Cadmium	mg/kg	100	95.4	95	80-120	
Chromium	mg/kg	100	99.3	99	80-120	
Lead	mg/kg	100	101	101	80-120	
Selenium	mg/kg	100	93.3	93	80-120	
Silver	mg/kg	50	48.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749568 2749569

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.9	98.6	107	91.3	98.1	87	86	75-125	7	20	
Barium	mg/kg	133	98.6	107	245	224	114	85	75-125	9	20	
Cadmium	mg/kg	ND	98.6	107	86.2	93.4	87	87	75-125	8	20	
Chromium	mg/kg	32.5	98.6	107	126	131	95	92	75-125	4	20	
Lead	mg/kg	10	98.6	107	94.6	102	86	86	75-125	7	20	
Selenium	mg/kg	ND	98.6	107	81.5	89.0	83	83	75-125	9	20	
Silver	mg/kg	ND	49.3	53.5	46.3	49.9	93	92	75-125	7	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 680174
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2749655
Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/01/20 18:56	
Barium	ug/L	ND	5.0	10/01/20 18:56	
Cadmium	ug/L	ND	5.0	10/01/20 18:56	
Chromium	ug/L	ND	5.0	10/01/20 18:56	
Lead	ug/L	ND	10.0	10/01/20 18:56	
Selenium	ug/L	ND	15.0	10/01/20 18:56	
Silver	ug/L	ND	7.0	10/01/20 18:56	

LABORATORY CONTROL SAMPLE: 2749656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	970	97	80-120	
Barium	ug/L	1000	953	95	80-120	
Cadmium	ug/L	1000	974	97	80-120	
Chromium	ug/L	1000	978	98	80-120	
Lead	ug/L	1000	996	100	80-120	
Selenium	ug/L	1000	994	99	80-120	
Silver	ug/L	500	414	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749657 2749658

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	222	1000	1000	1060	1020	83	80	75-125	3	20	
Barium	ug/L	5320	1000	1000	6140	6090	82	77	75-125	1	20	
Cadmium	ug/L	14.9	1000	1000	867	842	85	83	75-125	3	20	
Chromium	ug/L	401	1000	1000	1300	1290	90	89	75-125	1	20	
Lead	ug/L	3300	1000	1000	3910	3850	61	55	75-125	2	20	M1
Selenium	ug/L	ND	1000	1000	782	759	78	75	75-125	3	20	
Silver	ug/L	14.1	500	500	394	388	76	75	75-125	2	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 680184
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2749674 Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Barium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Cadmium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Chromium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Lead, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Selenium, Dissolved	ug/L	ND	15.0	10/02/20 09:56	
Silver, Dissolved	ug/L	ND	7.0	10/02/20 09:56	

LABORATORY CONTROL SAMPLE: 2749675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	975	97	80-120	
Barium, Dissolved	ug/L	1000	943	94	80-120	
Cadmium, Dissolved	ug/L	1000	971	97	80-120	
Chromium, Dissolved	ug/L	1000	975	97	80-120	
Lead, Dissolved	ug/L	1000	1010	101	80-120	
Selenium, Dissolved	ug/L	1000	981	98	80-120	
Silver, Dissolved	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749676 2749677

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	1020	1040	102	104	75-125	2	20	
Barium, Dissolved	ug/L	119	1000	1000	1070	1080	95	96	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	974	988	97	99	75-125	1	20	
Chromium, Dissolved	ug/L	ND	1000	1000	978	988	98	99	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	971	984	97	98	75-125	1	20	
Selenium, Dissolved	ug/L	27.4	1000	1000	1020	1040	100	101	75-125	2	20	
Silver, Dissolved	ug/L	ND	500	500	483	486	97	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678123
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348893001

METHOD BLANK: 2742283
Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/22/20 09:22	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
2,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
2-Butanone (MEK)	ug/kg	ND	10.0	09/22/20 09:22	
2-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
2-Hexanone	ug/kg	ND	20.0	09/22/20 09:22	
4-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/22/20 09:22	
Acetone	ug/kg	ND	20.0	09/22/20 09:22	
Benzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromodichloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromoform	ug/kg	ND	5.0	09/22/20 09:22	
Bromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Carbon disulfide	ug/kg	ND	5.0	09/22/20 09:22	
Carbon tetrachloride	ug/kg	ND	5.0	09/22/20 09:22	
Chlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Chloroethane	ug/kg	ND	5.0	09/22/20 09:22	
Chloroform	ug/kg	ND	5.0	09/22/20 09:22	
Chloromethane	ug/kg	ND	5.0	09/22/20 09:22	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

METHOD BLANK: 2742283 Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Dibromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Dibromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Ethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/22/20 09:22	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/22/20 09:22	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/22/20 09:22	
Methylene Chloride	ug/kg	ND	5.0	09/22/20 09:22	
n-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
n-Propylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Naphthalene	ug/kg	ND	10.0	09/22/20 09:22	
p-Isopropyltoluene	ug/kg	ND	5.0	09/22/20 09:22	
sec-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Styrene	ug/kg	ND	5.0	09/22/20 09:22	
tert-Butylbenzene	ug/kg	ND	25.0	09/22/20 09:22	
Tetrachloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Toluene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Trichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Trichlorofluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Vinyl chloride	ug/kg	ND	5.0	09/22/20 09:22	
Xylene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	78-118	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	85-115	09/22/20 09:22	
Toluene-d8 (S)	%	101	80-120	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	103	103	84-125	
1,1,1-Trichloroethane	ug/kg	100	102	102	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	95.5	95	76-121	
1,1,2-Trichloroethane	ug/kg	100	101	101	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	103	103	71-124	
1,1-Dichloropropene	ug/kg	100	90.9	91	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	102	102	81-123	
1,2,3-Trichloropropane	ug/kg	100	97.1	97	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	104	104	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	104	104	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.0	93	74-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	101	101	64-137	
1,2-Dichlorobenzene	ug/kg	100	102	102	83-119	
1,2-Dichloroethane	ug/kg	100	92.7	93	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	203	101	82-117	
1,2-Dichloropropane	ug/kg	100	98.8	99	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	106	106	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	101	101	83-118	
1,4-Dichlorobenzene	ug/kg	100	96.5	97	83-116	
2,2-Dichloropropane	ug/kg	100	104	104	76-124	
2-Butanone (MEK)	ug/kg	500	468	94	63-122	
2-Chlorotoluene	ug/kg	100	103	103	79-119	
2-Hexanone	ug/kg	500	480	96	68-122	
4-Chlorotoluene	ug/kg	100	103	103	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	473	95	63-128	
Acetone	ug/kg	500	435	87	55-124	
Benzene	ug/kg	100	96.8	97	67-126	
Bromobenzene	ug/kg	100	102	102	85-117	
Bromochloromethane	ug/kg	100	101	101	78-122	
Bromodichloromethane	ug/kg	100	101	101	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	86.2	86	20-168	
Carbon disulfide	ug/kg	100	118	118	60-133	
Carbon tetrachloride	ug/kg	100	109	109	79-128	
Chlorobenzene	ug/kg	100	102	102	84-118	
Chloroethane	ug/kg	100	90.0	90	53-139	
Chloroform	ug/kg	100	99.8	100	82-120	
Chloromethane	ug/kg	100	66.6	67	33-143	
cis-1,2-Dichloroethene	ug/kg	100	99.3	99	83-117	
cis-1,3-Dichloropropene	ug/kg	100	99.6	100	80-122	
Dibromochloromethane	ug/kg	100	109	109	82-128	
Dibromomethane	ug/kg	100	98.2	98	82-119	
Dichlorodifluoromethane	ug/kg	100	44.9	45	12-159	
Ethylbenzene	ug/kg	100	103	103	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	108	108	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	103	103	83-122	
Methyl-tert-butyl ether	ug/kg	100	95.6	96	58-137	
Methylene Chloride	ug/kg	100	92.7	93	68-125	
n-Butylbenzene	ug/kg	100	113	113	73-131	
n-Propylbenzene	ug/kg	100	105	105	82-122	
Naphthalene	ug/kg	100	103	103	60-136	
p-Isopropyltoluene	ug/kg	100	97.3	97	74-129	
sec-Butylbenzene	ug/kg	100	116	116	71-133	
Styrene	ug/kg	100	107	107	84-121	
tert-Butylbenzene	ug/kg	100	105	105	81-122	
Tetrachloroethene	ug/kg	100	110	110	78-130	
Toluene	ug/kg	100	102	102	80-118	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	104	104	78-118	
trans-1,3-Dichloropropene	ug/kg	100	107	107	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	104	104	64-133	
Vinyl chloride	ug/kg	100	78.9	79	45-139	
Xylene (Total)	ug/kg	300	310	103	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			98	85-115	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678368
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002, 60348893003

METHOD BLANK: 2743050
Matrix: Water
Associated Lab Samples: 60348893002, 60348893003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
2,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
2-Butanone (MEK)	ug/L	ND	10.0	09/24/20 02:00	
2-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
2-Hexanone	ug/L	ND	10.0	09/24/20 02:00	
4-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/24/20 02:00	
Acetone	ug/L	ND	10.0	09/24/20 02:00	
Benzene	ug/L	ND	1.0	09/24/20 02:00	
Bromobenzene	ug/L	ND	1.0	09/24/20 02:00	
Bromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromodichloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromoform	ug/L	ND	1.0	09/24/20 02:00	
Bromomethane	ug/L	ND	5.0	09/24/20 02:00	
Carbon disulfide	ug/L	ND	5.0	09/24/20 02:00	
Carbon tetrachloride	ug/L	ND	1.0	09/24/20 02:00	
Chlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
Chloroethane	ug/L	ND	1.0	09/24/20 02:00	
Chloroform	ug/L	ND	1.0	09/24/20 02:00	
Chloromethane	ug/L	ND	1.0	09/24/20 02:00	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

METHOD BLANK: 2743050 Matrix: Water
Associated Lab Samples: 60348893002, 60348893003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Dibromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Dibromomethane	ug/L	ND	1.0	09/24/20 02:00	
Dichlorodifluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Ethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/24/20 02:00	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/24/20 02:00	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/24/20 02:00	
Methylene Chloride	ug/L	ND	1.0	09/24/20 02:00	
n-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
n-Propylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Naphthalene	ug/L	ND	10.0	09/24/20 02:00	
p-Isopropyltoluene	ug/L	ND	1.0	09/24/20 02:00	
sec-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Styrene	ug/L	ND	1.0	09/24/20 02:00	
tert-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Tetrachloroethene	ug/L	ND	1.0	09/24/20 02:00	
Toluene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Trichloroethene	ug/L	ND	1.0	09/24/20 02:00	
Trichlorofluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Vinyl chloride	ug/L	ND	1.0	09/24/20 02:00	
Xylene (Total)	ug/L	ND	3.0	09/24/20 02:00	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/24/20 02:00	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 02:00	
Toluene-d8 (S)	%	105	80-120	09/24/20 02:00	

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.1	85	85-118	
1,1,1-Trichloroethane	ug/L	20	17.3	87	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.3	86	78-118	
1,1,2-Trichloroethane	ug/L	20	19.8	99	82-117	
1,1-Dichloroethane	ug/L	20	18.6	93	85-120	
1,1-Dichloroethene	ug/L	20	21.1	106	81-124	
1,1-Dichloropropene	ug/L	20	16.5	82	71-119	
1,2,3-Trichlorobenzene	ug/L	20	18.5	92	76-120	
1,2,3-Trichloropropane	ug/L	20	21.0	105	78-123	
1,2,4-Trichlorobenzene	ug/L	20	17.5	87	77-117	
1,2,4-Trimethylbenzene	ug/L	20	19.8	99	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	14.0	70	68-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	83-120	
1,2-Dichlorobenzene	ug/L	20	20.6	103	80-120	
1,2-Dichloroethane	ug/L	20	19.0	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	37.3	93	84-118	
1,2-Dichloropropane	ug/L	20	18.3	92	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.3	101	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	101	80-120	
1,3-Dichloropropane	ug/L	20	19.6	98	85-120	
1,4-Dichlorobenzene	ug/L	20	19.5	97	84-115	
2,2-Dichloropropane	ug/L	20	14.0	70	60-129	
2-Butanone (MEK)	ug/L	100	97.7	98	70-125	
2-Chlorotoluene	ug/L	20	19.8	99	84-115	
2-Hexanone	ug/L	100	103	103	76-126	
4-Chlorotoluene	ug/L	20	19.5	98	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	73-131	
Acetone	ug/L	100	110	110	59-135	
Benzene	ug/L	20	19.1	96	82-115	
Bromobenzene	ug/L	20	20.0	100	84-115	
Bromochloromethane	ug/L	20	21.1	105	85-125	
Bromodichloromethane	ug/L	20	16.5	83	82-123	
Bromoform	ug/L	20	14.0	70	66-133	
Bromomethane	ug/L	20	17.6	88	27-179	
Carbon disulfide	ug/L	20	24.0	120	72-134	
Carbon tetrachloride	ug/L	20	16.8	84	80-121	
Chlorobenzene	ug/L	20	20.1	101	80-120	
Chloroethane	ug/L	20	21.4	107	78-145	
Chloroform	ug/L	20	18.4	92	84-116	
Chloromethane	ug/L	20	15.1	76	48-160	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	85-115	
cis-1,3-Dichloropropene	ug/L	20	16.7	83	85-117	L2
Dibromochloromethane	ug/L	20	16.3	82	82-122	
Dibromomethane	ug/L	20	19.5	98	81-122	
Dichlorodifluoromethane	ug/L	20	9.6	48	50-173	L2
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	18.4	92	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	84-117	
Methyl-tert-butyl ether	ug/L	20	19.9	100	77-126	
Methylene Chloride	ug/L	20	23.4	117	80-126	
n-Butylbenzene	ug/L	20	20.2	101	81-120	
n-Propylbenzene	ug/L	20	20.1	100	80-116	
Naphthalene	ug/L	20	17.6	88	73-126	
p-Isopropyltoluene	ug/L	20	18.8	94	74-121	
sec-Butylbenzene	ug/L	20	22.6	113	75-130	
Styrene	ug/L	20	21.0	105	80-117	
tert-Butylbenzene	ug/L	20	20.1	100	84-116	
Tetrachloroethene	ug/L	20	19.6	98	83-119	
Toluene	ug/L	20	19.7	98	83-115	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	18.7	94	80-124	
trans-1,3-Dichloropropene	ug/L	20	17.5	87	83-117	
Trichloroethene	ug/L	20	20.6	103	80-118	
Trichlorofluoromethane	ug/L	20	22.5	112	83-133	
Vinyl chloride	ug/L	20	19.0	95	76-144	
Xylene (Total)	ug/L	60	61.2	102	82-120	
1,2-Dichloroethane-d4 (S)	%			101	86-117	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 679026
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV MO GRO Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2745449
Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 12:55	
1,2-Dichloroethane-d4 (S)	%	96	86-117	09/25/20 12:55	
4-Bromofluorobenzene (S)	%	97	80-120	09/25/20 12:55	
Toluene-d8 (S)	%	102	80-120	09/25/20 12:55	

LABORATORY CONTROL SAMPLE: 2745450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3070	77	55-125	
1,2-Dichloroethane-d4 (S)	%			98	86-117	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			101	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678110
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893001

METHOD BLANK: 2742244 Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	80-123	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	69-133	09/22/20 09:22	
Toluene-d8 (S)	%	101	78-122	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.3	83	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			102	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742246 2742247

Parameter	Units	60348931001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane-d4 (S)	%						106	75	80-123			IO,S0
4-Bromofluorobenzene (S)	%						98	121	69-133			
Toluene-d8 (S)	%						100	118	78-122			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678177
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893001

METHOD BLANK: 2742474 Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.2	09/23/20 14:14	
Decachlorobiphenyl (S)	%	88	28-143	09/23/20 14:14	

LABORATORY CONTROL SAMPLE: 2742475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	110	68	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	163	112	69	56-128	
Decachlorobiphenyl (S)	%			65	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742476 2742477

Parameter	Units	60348887001 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	194	196	167	165	86	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	194	196	162	162	84	83	30-141	0	40	
Decachlorobiphenyl (S)	%						79	78	28-143			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678318
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2742801
Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	09/24/20 12:03	
Decachlorobiphenyl (S)	%	84	30-136	09/24/20 12:03	

LABORATORY CONTROL SAMPLE: 2742802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.8	76	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	93	64-123	
Decachlorobiphenyl (S)	%			88	30-136	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678954
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348893001

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,2-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,3-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,4-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
2,4,5-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dimethylphenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dinitrophenol	ug/kg	ND	1660	09/29/20 12:55	
2,4-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2,6-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2-Chloronaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Chlorophenol	ug/kg	ND	327	09/29/20 12:55	
2-Methylnaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Methylphenol(o-Cresol)	ug/kg	ND	327	09/29/20 12:55	
2-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
2-Nitrophenol	ug/kg	ND	327	09/29/20 12:55	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	327	09/29/20 12:55	
3,3'-Dichlorobenzidine	ug/kg	ND	654	09/29/20 12:55	
3-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1660	09/29/20 12:55	
4-Bromophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Chloro-3-methylphenol	ug/kg	ND	654	09/29/20 12:55	
4-Chloroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Chlorophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Nitrophenol	ug/kg	ND	1660	09/29/20 12:55	
Acenaphthene	ug/kg	ND	327	09/29/20 12:55	
Acenaphthylene	ug/kg	ND	327	09/29/20 12:55	
Anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)pyrene	ug/kg	ND	327	09/29/20 12:55	
Benzo(b)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzo(g,h,i)perylene	ug/kg	ND	327	09/29/20 12:55	
Benzo(k)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzoic Acid	ug/kg	ND	1660	09/29/20 12:55	
Benzyl alcohol	ug/kg	ND	654	09/29/20 12:55	
bis(2-Chloroethoxy)methane	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroethyl) ether	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroisopropyl) ether	ug/kg	ND	327	09/29/20 12:55	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	327	09/29/20 12:55	
Butylbenzylphthalate	ug/kg	ND	327	09/29/20 12:55	
Carbazole	ug/kg	ND	327	09/29/20 12:55	
Chrysene	ug/kg	ND	327	09/29/20 12:55	
Di-n-butylphthalate	ug/kg	ND	327	09/29/20 12:55	
Di-n-octylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dibenz(a,h)anthracene	ug/kg	ND	327	09/29/20 12:55	
Dibenzofuran	ug/kg	ND	327	09/29/20 12:55	
Diethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dimethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Fluorene	ug/kg	ND	327	09/29/20 12:55	
Hexachloro-1,3-butadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorobenzene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorocyclopentadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachloroethane	ug/kg	ND	327	09/29/20 12:55	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	327	09/29/20 12:55	
Isophorone	ug/kg	ND	327	09/29/20 12:55	
N-Nitroso-di-n-propylamine	ug/kg	ND	327	09/29/20 12:55	
N-Nitrosodiphenylamine	ug/kg	ND	327	09/29/20 12:55	
Naphthalene	ug/kg	ND	327	09/29/20 12:55	
Nitrobenzene	ug/kg	ND	327	09/29/20 12:55	
Pentachlorophenol	ug/kg	ND	1660	09/29/20 12:55	
Phenanthrene	ug/kg	ND	327	09/29/20 12:55	
Phenol	ug/kg	ND	327	09/29/20 12:55	
Pyrene	ug/kg	ND	327	09/29/20 12:55	
Pyridine	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Tribromophenol (S)	%	78	41-108	09/29/20 12:55	
2-Fluorobiphenyl (S)	%	90	39-136	09/29/20 12:55	
2-Fluorophenol (S)	%	77	43-96	09/29/20 12:55	
Nitrobenzene-d5 (S)	%	86	33-132	09/29/20 12:55	
Phenol-d6 (S)	%	81	43-95	09/29/20 12:55	
Terphenyl-d14 (S)	%	93	29-131	09/29/20 12:55	

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1590	1270	80	52-104	
1,2-Dichlorobenzene	ug/kg	1590	1220	77	51-99	
1,3-Dichlorobenzene	ug/kg	1590	1200	75	48-102	
1,4-Dichlorobenzene	ug/kg	1590	1220	77	49-101	
2,4,5-Trichlorophenol	ug/kg	1590	1420	89	58-109	
2,4,6-Trichlorophenol	ug/kg	1590	1380	87	56-109	
2,4-Dichlorophenol	ug/kg	1590	1290	81	54-106	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1590	941	59	49-104	
2,4-Dinitrophenol	ug/kg	1590	1060J	67	26-119	
2,4-Dinitrotoluene	ug/kg	1590	1390	88	60-109	
2,6-Dinitrotoluene	ug/kg	1590	1380	87	59-109	
2-Chloronaphthalene	ug/kg	1590	1330	84	56-104	
2-Chlorophenol	ug/kg	1590	1260	80	56-98	
2-Methylnaphthalene	ug/kg	1590	1340	84	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1590	1240	78	52-102	
2-Nitroaniline	ug/kg	1590	1350	85	54-113	
2-Nitrophenol	ug/kg	1590	1260	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1590	1190	75	52-102	
3,3'-Dichlorobenzidine	ug/kg	1590	625J	39	19-126	
3-Nitroaniline	ug/kg	1590	792	50	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1590	1100J	69	37-117	
4-Bromophenylphenyl ether	ug/kg	1590	1330	84	60-106	
4-Chloro-3-methylphenol	ug/kg	1590	1350	85	55-107	
4-Chloroaniline	ug/kg	1590	472J	30	10-116	
4-Chlorophenylphenyl ether	ug/kg	1590	1350	85	56-107	
4-Nitroaniline	ug/kg	1590	1180	75	52-113	
4-Nitrophenol	ug/kg	1590	1380J	87	53-114	
Acenaphthene	ug/kg	1590	1400	88	55-105	
Acenaphthylene	ug/kg	1590	1440	90	57-105	
Anthracene	ug/kg	1590	1310	83	59-106	
Benzo(a)anthracene	ug/kg	1590	1350	85	59-109	
Benzo(a)pyrene	ug/kg	1590	1310	83	59-109	
Benzo(b)fluoranthene	ug/kg	1590	1360	85	56-112	
Benzo(g,h,i)perylene	ug/kg	1590	1360	86	57-109	
Benzo(k)fluoranthene	ug/kg	1590	1380	87	57-107	
Benzoic Acid	ug/kg	1590	1960	123	10-96	L1
Benzyl alcohol	ug/kg	1590	1260	79	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1590	1260	80	52-102	
bis(2-Chloroethyl) ether	ug/kg	1590	1240	78	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1590	1260	80	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1590	1400	88	61-113	
Butylbenzylphthalate	ug/kg	1590	1360	85	62-110	
Carbazole	ug/kg	1590	1350	85	60-106	
Chrysene	ug/kg	1590	1390	88	58-108	
Di-n-butylphthalate	ug/kg	1590	1370	86	61-110	
Di-n-octylphthalate	ug/kg	1590	1450	91	58-114	
Dibenz(a,h)anthracene	ug/kg	1590	1420	90	57-109	
Dibenzofuran	ug/kg	1590	1390	87	56-106	
Diethylphthalate	ug/kg	1590	1370	86	57-107	
Dimethylphthalate	ug/kg	1590	1380	87	55-106	
Fluoranthene	ug/kg	1590	1310	82	60-109	
Fluorene	ug/kg	1590	1350	85	56-107	
Hexachloro-1,3-butadiene	ug/kg	1590	1300	82	50-106	
Hexachlorobenzene	ug/kg	1590	1290	81	56-107	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1590	1290	81	18-118	
Hexachloroethane	ug/kg	1590	1160	73	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1590	1410	89	58-108	
Isophorone	ug/kg	1590	1300	82	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1590	1200	76	50-101	
N-Nitrosodiphenylamine	ug/kg	1590	1340	84	58-107	
Naphthalene	ug/kg	1590	1280	80	51-103	
Nitrobenzene	ug/kg	1590	1290	81	51-104	
Pentachlorophenol	ug/kg	1590	887J	56	43-123	
Phenanthrene	ug/kg	1590	1340	84	58-106	
Phenol	ug/kg	1590	1260	79	53-101	
Pyrene	ug/kg	1590	1390	88	60-108	
Pyridine	ug/kg	1590	802	51	33-72	
2,4,6-Tribromophenol (S)	%			83	41-108	
2-Fluorobiphenyl (S)	%			87	39-136	
2-Fluorophenol (S)	%			75	43-96	
Nitrobenzene-d5 (S)	%			83	33-132	
Phenol-d6 (S)	%			75	43-95	
Terphenyl-d14 (S)	%			90	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2040	2000	1550	1600	76	80	42-102	3	26	
1,2-Dichlorobenzene	ug/kg	ND	2040	2000	1560	1540	77	77	45-96	1	31	
1,3-Dichlorobenzene	ug/kg	ND	2040	2000	1490	1510	73	75	44-95	1	31	
1,4-Dichlorobenzene	ug/kg	ND	2040	2000	1510	1520	74	76	45-95	1	30	
2,4,5-Trichlorophenol	ug/kg	ND	2040	2000	1650	1720	81	86	47-109	4	31	
2,4,6-Trichlorophenol	ug/kg	ND	2040	2000	1670	1720	82	86	14-133	3	31	
2,4-Dichlorophenol	ug/kg	ND	2040	2000	1630	1670	80	83	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	2040	2000	1670	1700	82	85	22-113	2	32	
2,4-Dinitrophenol	ug/kg	ND	2040	2000	745J	842J	37	42	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	2040	2000	1620	1720	80	86	10-133	6	32	
2,6-Dinitrotoluene	ug/kg	ND	2040	2000	1650	1730	81	86	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	2040	2000	1620	1690	80	85	47-105	4	28	
2-Chlorophenol	ug/kg	ND	2040	2000	1600	1650	78	83	44-100	3	31	
2-Methylnaphthalene	ug/kg	ND	2040	2000	1640	1680	81	84	43-104	2	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	2040	2000	1620	1610	80	80	37-105	1	32	
2-Nitroaniline	ug/kg	ND	2040	2000	1720	1740	84	87	44-117	1	28	
2-Nitrophenol	ug/kg	ND	2040	2000	1620	1670	80	83	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2040	2000	1640	1620	81	81	35-108	1	30	
3,3'-Dichlorobenzidine	ug/kg	ND	2040	2000	287J	525J	14	26	10-133		39	
3-Nitroaniline	ug/kg	ND	2040	2000	1340	1440	66	72	10-124	7	27	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,6-Dinitro-2-methylphenol	ug/kg	ND	2040	2000	1240J	1310J	61	65	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	2040	2000	1750	1740	86	87	47-109	0	33	
4-Chloro-3-methylphenol	ug/kg	ND	2040	2000	1700	1700	83	85	42-109	0	30	
4-Chloroaniline	ug/kg	ND	2040	2000	826	815	41	41	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	2040	2000	1640	1680	81	84	46-106	3	33	
4-Nitroaniline	ug/kg	ND	2040	2000	1140	1220	56	61	11-126	7	47	
4-Nitrophenol	ug/kg	ND	2040	2000	1640J	1820J	81	91	18-130		35	
Acenaphthene	ug/kg	ND	2040	2000	1690	1730	83	87	44-104	3	23	
Acenaphthylene	ug/kg	ND	2040	2000	1710	1800	84	90	47-102	5	29	
Anthracene	ug/kg	ND	2040	2000	1710	1740	84	87	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	2040	2000	1700	1710	83	85	10-139	0	32	
Benzo(a)pyrene	ug/kg	ND	2040	2000	1640	1710	80	85	12-132	4	33	
Benzo(b)fluoranthene	ug/kg	ND	2040	2000	1590	1720	78	86	12-136	8	37	
Benzo(g,h,i)perylene	ug/kg	ND	2040	2000	1490	1710	73	85	22-119	14	41	
Benzo(k)fluoranthene	ug/kg	ND	2040	2000	1700	1750	83	87	32-113	3	32	
Benzoic Acid	ug/kg	ND	2040	2000	1470J	1440J	72	72	10-101		35	
Benzyl alcohol	ug/kg	ND	2040	2000	1610	1630	79	81	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	2040	2000	1590	1630	78	81	41-100	2	29	
bis(2-Chloroethyl) ether	ug/kg	ND	2040	2000	1590	1620	78	81	46-100	2	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	2040	2000	1630	1560	80	78	40-99	4	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2040	2000	1740	1800	85	90	24-141	3	33	
Butylbenzylphthalate	ug/kg	ND	2040	2000	1730	1730	85	87	41-131	0	33	
Carbazole	ug/kg	ND	2040	2000	1700	1690	84	85	41-107	0	30	
Chrysene	ug/kg	ND	2040	2000	1730	1740	85	87	10-137	1	31	
Di-n-butylphthalate	ug/kg	ND	2040	2000	1760	1800	87	90	41-118	2	31	
Di-n-octylphthalate	ug/kg	ND	2040	2000	1740	1840	85	92	40-138	6	29	
Dibenz(a,h)anthracene	ug/kg	ND	2040	2000	1510	1740	74	87	23-122	14	35	
Dibenzofuran	ug/kg	ND	2040	2000	1640	1710	81	85	49-101	4	28	
Diethylphthalate	ug/kg	ND	2040	2000	1680	1710	82	85	42-107	2	31	
Dimethylphthalate	ug/kg	ND	2040	2000	1660	1710	82	86	37-108	3	30	
Fluoranthene	ug/kg	ND	2040	2000	1770	1710	87	85	10-139	3	32	
Fluorene	ug/kg	ND	2040	2000	1610	1700	79	85	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	2040	2000	1600	1620	79	81	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	2040	2000	1760	1740	87	87	46-105	1	31	
Hexachlorocyclopentadiene	ug/kg	ND	2040	2000	1090	1210	54	60	10-111	10	61	
Hexachloroethane	ug/kg	ND	2040	2000	1530	1520	75	76	11-119	0	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2040	2000	1480	1750	72	87	21-120	17	38	
Isophorone	ug/kg	ND	2040	2000	1630	1650	80	82	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	2040	2000	1610	1590	79	79	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	2040	2000	1520	1650	75	82	41-108	8	36	
Naphthalene	ug/kg	ND	2040	2000	1600	1600	78	80	40-105	0	31	
Nitrobenzene	ug/kg	ND	2040	2000	1640	1630	80	82	35-106	0	29	
Pentachlorophenol	ug/kg	ND	2040	2000	1570J	1590J	77	80	10-144		35	
Phenanthrene	ug/kg	ND	2040	2000	1690	1740	83	86	43-108	3	29	
Phenol	ug/kg	ND	2040	2000	1610	1630	79	81	38-102	1	29	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pyrene	ug/kg	ND	2040	2000	1780	1730	87	86	10-147	3	38	
Pyridine	ug/kg	ND	2040	2000	893	910	44	46	10-79	2	35	
2,4,6-Tribromophenol (S)	%						79	84	41-108			
2-Fluorobiphenyl (S)	%						81	83	39-136			
2-Fluorophenol (S)	%						73	75	43-96			
Nitrobenzene-d5 (S)	%						83	82	33-132			
Phenol-d6 (S)	%						74	74	43-95			
Terphenyl-d14 (S)	%						90	87	29-131			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678956
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348893001

METHOD BLANK: 2745200 Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.9	09/28/20 22:14	
TPH-ORO	mg/kg	ND	14.9	09/28/20 22:14	
2-Fluorobiphenyl (S)	%	88	39-136	09/28/20 22:14	
Nitrobenzene-d5 (S)	%	79	33-132	09/28/20 22:14	
Terphenyl-d14 (S)	%	88	29-131	09/28/20 22:14	

LABORATORY CONTROL SAMPLE: 2745201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	328	249	76	39-122	
TPH-ORO	mg/kg		12.7J			
2-Fluorobiphenyl (S)	%			87	39-136	
Nitrobenzene-d5 (S)	%			82	33-132	
Terphenyl-d14 (S)	%			86	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745202 2745203

Parameter	Units	60348880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO	mg/kg	ND	424	406	313	312	74	77	12-137	0	38	
TPH-ORO	mg/kg	ND			17.9J	19.8					51	
2-Fluorobiphenyl (S)	%						80	83	39-136			
Nitrobenzene-d5 (S)	%						76	81	33-132			
Terphenyl-d14 (S)	%						78	82	29-131			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678084
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2742157 Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/24/20 04:00	
TPH-ORO	mg/L	ND	1.0	09/24/20 04:00	
2-Fluorobiphenyl (S)	%	39	29-108	09/24/20 04:00	
Nitrobenzene-d5 (S)	%	36	27-106	09/24/20 04:00	
Terphenyl-d14 (S)	%	39	34-129	09/24/20 04:00	

LABORATORY CONTROL SAMPLE: 2742158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	40.9	41	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			36	27-106	
Terphenyl-d14 (S)	%			50	34-129	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678083
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893002

METHOD BLANK: 2742155
Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dimethylphenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dinitrophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2-Chloronaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Chlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2-Methylnaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/24/20 16:50	
2-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
2-Nitrophenol	ug/L	ND	10.0	09/24/20 16:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/24/20 16:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/24/20 16:50	
3-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/24/20 16:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/24/20 16:50	
4-Chloroaniline	ug/L	ND	20.0	09/24/20 16:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4-Nitrophenol	ug/L	ND	50.0	09/24/20 16:50	
Acenaphthene	ug/L	ND	10.0	09/24/20 16:50	
Acenaphthylene	ug/L	ND	10.0	09/24/20 16:50	
Anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzoic Acid	ug/L	ND	50.0	09/24/20 16:50	
Benzyl alcohol	ug/L	ND	20.0	09/24/20 16:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/24/20 16:50	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

METHOD BLANK: 2742155 Matrix: Water
Associated Lab Samples: 60348893002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/24/20 16:50	
Butylbenzylphthalate	ug/L	ND	20.0	09/24/20 16:50	
Carbazole	ug/L	ND	10.0	09/24/20 16:50	
Chrysene	ug/L	ND	10.0	09/24/20 16:50	
Di-n-butylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Di-n-octylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Dibenzofuran	ug/L	ND	10.0	09/24/20 16:50	
Diethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dimethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Fluorene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloroethane	ug/L	ND	10.0	09/24/20 16:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Isophorone	ug/L	ND	10.0	09/24/20 16:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/24/20 16:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/24/20 16:50	
Naphthalene	ug/L	ND	10.0	09/24/20 16:50	
Nitrobenzene	ug/L	ND	10.0	09/24/20 16:50	
Pentachlorophenol	ug/L	ND	50.0	09/24/20 16:50	
Phenanthrene	ug/L	ND	10.0	09/24/20 16:50	
Phenol	ug/L	ND	10.0	09/24/20 16:50	
Pyrene	ug/L	ND	10.0	09/24/20 16:50	
Pyridine	ug/L	ND	10.0	09/24/20 16:50	
2,4,6-Tribromophenol (S)	%	75	16-114	09/24/20 16:50	
2-Fluorobiphenyl (S)	%	61	29-108	09/24/20 16:50	
2-Fluorophenol (S)	%	45	11-64	09/24/20 16:50	
Nitrobenzene-d5 (S)	%	74	27-106	09/24/20 16:50	
Phenol-d6 (S)	%	28	10-44	09/24/20 16:50	
Terphenyl-d14 (S)	%	94	34-129	09/24/20 16:50	

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	18.9	38	22-109	
1,2-Dichlorobenzene	ug/L	50	19.0	38	18-107	
1,3-Dichlorobenzene	ug/L	50	17.7	35	16-105	
1,4-Dichlorobenzene	ug/L	50	18.1	36	17-105	
2,4,5-Trichlorophenol	ug/L	50	36.1J	72	25-126	
2,4,6-Trichlorophenol	ug/L	50	35.6	71	23-124	
2,4-Dichlorophenol	ug/L	50	35.8	72	26-116	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	37.9	76	36-98	
2,4-Dinitrophenol	ug/L	50	35.9J	72	11-138	
2,4-Dinitrotoluene	ug/L	50	38.4	77	30-127	
2,6-Dinitrotoluene	ug/L	50	37.4	75	30-125	
2-Chloronaphthalene	ug/L	50	24.5	49	28-115	
2-Chlorophenol	ug/L	50	34.3	69	25-107	
2-Methylnaphthalene	ug/L	50	23.6	47	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	30-94	
2-Nitroaniline	ug/L	50	36.3J	73	29-126	
2-Nitrophenol	ug/L	50	34.9	70	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.1	56	26-89	
3,3'-Dichlorobenzidine	ug/L	50	42.4	85	24-140	
3-Nitroaniline	ug/L	50	36.9J	74	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35J	70	21-135	
4-Bromophenylphenyl ether	ug/L	50	34.3	69	30-121	
4-Chloro-3-methylphenol	ug/L	50	36.8	74	28-117	
4-Chloroaniline	ug/L	50	36.9	74	22-136	
4-Chlorophenylphenyl ether	ug/L	50	32.9	66	30-119	
4-Nitroaniline	ug/L	50	39.6J	79	31-129	
4-Nitrophenol	ug/L	50	15.9J	32	10-64	
Acenaphthene	ug/L	50	30.9	62	29-117	
Acenaphthylene	ug/L	50	32.1	64	27-119	
Anthracene	ug/L	50	37.8	76	27-124	
Benzo(a)anthracene	ug/L	50	41.9	84	30-124	
Benzo(a)pyrene	ug/L	50	40.4	81	29-123	
Benzo(b)fluoranthene	ug/L	50	43.8	88	29-127	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	30-124	
Benzo(k)fluoranthene	ug/L	50	39.3	79	29-125	
Benzoic Acid	ug/L	50	11.1J	22	10-71	
Benzyl alcohol	ug/L	50	34.7	69	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.5	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	34.6	69	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	32.1	64	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.9	86	35-128	
Butylbenzylphthalate	ug/L	50	43.7	87	28-114	
Carbazole	ug/L	50	40.2	80	31-124	
Chrysene	ug/L	50	41.8	84	31-124	
Di-n-butylphthalate	ug/L	50	41.4	83	29-130	
Di-n-octylphthalate	ug/L	50	43.6	87	27-135	
Dibenz(a,h)anthracene	ug/L	50	42.1	84	30-125	
Dibenzofuran	ug/L	50	31.5	63	30-118	
Diethylphthalate	ug/L	50	39.3	79	30-123	
Dimethylphthalate	ug/L	50	37.8	76	29-121	
Fluoranthene	ug/L	50	40.2	80	31-126	
Fluorene	ug/L	50	33.7	67	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.2	36	14-107	
Hexachlorobenzene	ug/L	50	36.0	72	29-123	

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.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348893

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	16.0	32	10-56	
Hexachloroethane	ug/L	50	16.5	33	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.5	85	29-124	
Isophorone	ug/L	50	37.8	76	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	36.7	73	28-117	
N-Nitrosodiphenylamine	ug/L	50	37.6	75	30-122	
Naphthalene	ug/L	50	23.8	48	25-111	
Nitrobenzene	ug/L	50	33.4	67	28-116	
Pentachlorophenol	ug/L	50	37.5J	75	17-134	
Phenanthrene	ug/L	50	37.5	75	30-121	
Phenol	ug/L	50	14.5	29	10-58	
Pyrene	ug/L	50	40.1	80	31-124	
Pyridine	ug/L	50	17.3	35	10-73	
2,4,6-Tribromophenol (S)	%			79	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			43	11-64	
Nitrobenzene-d5 (S)	%			73	27-106	
Phenol-d6 (S)	%			28	10-44	
Terphenyl-d14 (S)	%			88	34-129	

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: WE BUILDING
Pace Project No.: 60348893

QC Batch: 678462
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348893001

METHOD BLANK: 2743318
Matrix: Solid
Associated Lab Samples: 60348893001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/23/20 17:02	

SAMPLE DUPLICATE: 2743319

Parameter	Units	60348880003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	21.5	3	20	

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

Pace Analytical Services, LLC
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QUALIFIERS

Project: WE BUILDING
Pace Project No.: 60348893

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.

BATCH QUALIFIERS

Batch: 678368

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 679026

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
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.
P3	Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.
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: WE BUILDING
Pace Project No.: 60348893

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 3546	678177	EPA 8082	678556
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 3510	678318	EPA 8082	678663
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 3050	680128	EPA 6010	680456
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 3010	680174	EPA 6010	680281
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 3010	680184	EPA 6010	680286
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 7470	678729	EPA 7470	678788
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 7470	677968	EPA 7470	678069
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 7471	679313	EPA 7471	679470
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 3546	678954	EPA 8270	679637
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 3546	678956	EPA 8270	679490
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 3510C	678084	EPA 8270	678562
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 3510	678083	EPA 8270	678831
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 5035A/5030	678123	EPA 8260B	678138
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 5030B/8260	678368		
60348893003	**WE BUILDING-GW-TB1**	EPA 5030B/8260	678368		
60348893002	**DPT-1-GW-(20-25)-FD**	EPA 8260	679026		
60348893001	**DPT-4-SO-(5-7)-FD**	EPA 5035	678110	EPA 8260	678137
60348893001	**DPT-4-SO-(5-7)-FD**	ASTM D2974	678462		

Pace Analytical®
www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60348893

60348893

Client Name: Tetra Tech EMI

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☑ Client ☐ Other ☐

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☐

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

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☑ None ☐ Other ☑ ZPLC

Thermometer Used: T299 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 2.1 **Corr. Factor** +0.2 **Corrected** 2.3

Date and initials of person examining contents: 091920 MLC

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☑Yes ☐No ☐N/A	Containers 091920 MLC for dissolved metals
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	does not say field filtered but
Samples contain multiple phases? Matrix: WT, SL	☐Yes ☑No ☐N/A	compared to the BP3N, it appears to be
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT# L003173	☑Yes ☐No ☐N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added. filtered
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State: KS	☐Yes ☑No ☐N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☑No ☐N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jeffrey Shopper Date: _____

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Complete

Page: [ ] of [ ]

Section A
Required Client Information:

Company:	Tetra Tech EMI
Address:	415 Oak
	Kansas City, MO 64106
Email To:	kaitlyn.mitchell@tetratech.com
Phone: (816) 412-1742	Fax: (816) 410-1748
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Kaitlyn Mitchell
Copy To:	
Purchase Order No.:	
Project Name:	~~Cyclonic~~ WE Building
Project Number:	

Section C
Invoice Information:

Attention:	Kaitlyn Mitchell
Company Name:	Tetra Tech EMI
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jeffrey Shopper 913-563-1408
Pace Profile #:	`8083

REGULATORY AGENCY

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

Site Location STATE: KS

Section D
Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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 Sodium Phosphate tribasic	Analysis Test Y/N	8082 PCBs	8270 DRO/ORO	RCRA 8 Metals	8270 SVOCs	8260 VOCs	8260 GRO	RCRA8 Metals(Dissolved)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	DPT-4-SO-(5-7)-FD	SO	G			9/16/20	1645		7	4						1	2		X	X	X	X	X	X							
2	DPT-1-GW-(20-25)-FD	WT	G			9/16/20	1210		13	6		2	5			1			X	X	X	X	X	X		X					
3	WE Building-GW-TB1	WT	G			9/16/20	1932		2				X										X								
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Stephanie Caples	9/17/20	1007	MKeller/Pace	9/18/20	0415	2.3	Y	Y	Y

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Stephanie Caples + Ryan Sanczka		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	09/17/20

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.08, 12-Oct-2007

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 02, 2020

Kaitlyn Mitchell
Tetra Tech EMI
415 Oak
Kansas City, MO 64106

RE: Project: WE BUILDING
Pace Project No.: 60348895

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Heather M. Wilson

Heather Wilson for
Jeffrey Shopper
jeff.shopper@pacelabs.com
1(913)563-1408
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: WE BUILDING
Pace Project No.: 60348895

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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Lenexa, KS 66219
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SAMPLE SUMMARY

Project: WE BUILDING
Pace Project No.: 60348895

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348895001	**DPT-4-GW-(16-21)**	Water	09/16/20 19:00	09/18/20 04:15
60348895002	**DPT-4-SO-(20-21)**	Solid	09/16/20 17:56	09/18/20 04:15
60348895003	**DPT-4-SO-(11-12)**	Solid	09/16/20 17:34	09/18/20 04:15
60348895004	**DPT-4-SO-(5-7)**	Solid	09/16/20 16:45	09/18/20 04:15
60348895005	**WE BUILDING-GW-TB3**	Water	09/16/20 22:42	09/18/20 04:15

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SAMPLE ANALYTE COUNT

Project: WE BUILDING
Pace Project No.: 60348895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348895001	**DPT-4-GW-(16-21)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	JMT	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
		EPA 8260	KJM	5	PASI-K
60348895002	**DPT-4-SO-(20-21)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348895003	**DPT-4-SO-(11-12)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 5035A/8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348895004	**DPT-4-SO-(5-7)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	67	PASI-K
		EPA 8260B	RAD	4	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348895005	**WE BUILDING-GW-TB3**	EPA 5030B/8260	PGH	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-GW-(16-21) **Lab ID: 60348895001** Collected: 09/16/20 19:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB, LV	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:13	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	30-136	1	09/22/20 17:34	09/25/20 11:13	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**85.0**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:18	7440-38-2	
Barium	**1760**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:18	7440-39-3	
Cadmium	**8.3**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:18	7440-43-9	
Chromium	**382**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:18	7440-47-3	
Lead	**440**	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:18	7439-92-1	
Selenium	**30.8**	ug/L	30.0	2	10/01/20 10:35	10/02/20 09:54	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 10:35	10/01/20 19:18	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:25	7440-38-2	
Barium, Dissolved	**26.2**	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:25	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:25	7440-43-9	
Chromium, Dissolved	**13.4**	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:25	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:25	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 10:35	10/02/20 10:25	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 10:35	10/02/20 10:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**1.5**	ug/L	0.20	1	09/24/20 12:52	09/25/20 13:43	7439-97-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury, Dissolved	ND	ug/L	0.20	1	09/21/20 17:25	09/22/20 13:04	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 10:45		
TPH-DRO	ND	mg/L	0.95	1	09/22/20 15:57	09/24/20 10:45		
Surrogates								
Nitrobenzene-d5 (S)	38	%	27-106	1	09/22/20 15:57	09/24/20 10:45	4165-60-0	
2-Fluorobiphenyl (S)	43	%	29-108	1	09/22/20 15:57	09/24/20 10:45	321-60-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-GW-(16-21) **Lab ID: 60348895001** Collected: 09/16/20 19:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
Surrogates								
Terphenyl-d14 (S)	62	%	34-129	1	09/22/20 15:57	09/24/20 10:45	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	83-32-9	
Acenaphthylene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	208-96-8	
Anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	207-08-9	
Benzoic Acid	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	65-85-0	
Benzyl alcohol	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	85-68-7	
Carbazole	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	59-50-7	
4-Chloroaniline	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	91-58-7	
2-Chlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	7005-72-3	
Chrysene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	53-70-3	
Dibenzofuran	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	120-83-2	
Diethylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	105-67-9	
Dimethylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	117-84-0	
bis(2-Ethylhexyl)phthalate	**24.4**	ug/L	21.1	1	09/22/20 17:36	09/24/20 20:40	117-81-7	
Fluoranthene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	206-44-0	
Fluorene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	86-73-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-GW-(16-21) **Lab ID: 60348895001** Collected: 09/16/20 19:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Pace Analytical Services - Kansas City							
Hexachloro-1,3-butadiene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	87-68-3	
Hexachlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	77-47-4	
Hexachloroethane	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	193-39-5	
Isophorone	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	15831-10-4	
Naphthalene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	91-20-3	
2-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	88-74-4	
3-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	99-09-2	
4-Nitroaniline	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	100-01-6	
Nitrobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	98-95-3	
2-Nitrophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	88-75-5	
4-Nitrophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	86-30-6	
Pentachlorophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	87-86-5	
Phenanthrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	85-01-8	
Phenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	108-95-2	
Pyrene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	129-00-0	
Pyridine	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	52.6	1	09/22/20 17:36	09/24/20 20:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.5	1	09/22/20 17:36	09/24/20 20:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	27-106	1	09/22/20 17:36	09/24/20 20:40	4165-60-0	
2-Fluorobiphenyl (S)	73	%	29-108	1	09/22/20 17:36	09/24/20 20:40	321-60-8	
Terphenyl-d14 (S)	95	%	34-129	1	09/22/20 17:36	09/24/20 20:40	1718-51-0	
Phenol-d6 (S)	35	%	10-44	1	09/22/20 17:36	09/24/20 20:40	13127-88-3	
2-Fluorophenol (S)	51	%	11-64	1	09/22/20 17:36	09/24/20 20:40	367-12-4	
2,4,6-Tribromophenol (S)	82	%	16-114	1	09/22/20 17:36	09/24/20 20:40	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**15.9**	ug/L	10.0	1		09/24/20 05:21	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 05:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 05:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 05:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 05:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 05:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 05:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 05:21	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:21	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:21	135-98-8	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-GW-(16-21) **Lab ID: 60348895001** Collected: 09/16/20 19:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 05:21	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 05:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 05:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 05:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 05:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 05:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 05:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 05:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 05:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 05:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 05:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 05:21	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 05:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 05:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 05:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 05:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:21	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 05:21	10061-02-6	
Ethylbenzene	**32.6**	ug/L	1.0	1		09/24/20 05:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 05:21	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 05:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 05:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 05:21	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 05:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 05:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 05:21	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 05:21	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 05:21	103-65-1	
Styrene	**227**	ug/L	10.0	10		09/24/20 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 05:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 05:21	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 05:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 05:21	120-82-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-GW-(16-21) **Lab ID: 60348895001** Collected: 09/16/20 19:00 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 05:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 05:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 05:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 05:21	96-18-4	
1,2,4-Trimethylbenzene	**6.5**	ug/L	1.0	1		09/24/20 05:21	95-63-6	
1,3,5-Trimethylbenzene	**1.3**	ug/L	1.0	1		09/24/20 05:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 05:21	75-01-4	
Xylene (Total)	**10.1**	ug/L	3.0	1		09/24/20 05:21	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	1		09/24/20 05:21	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/24/20 05:21	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		09/24/20 05:21	2037-26-5	
Preservation pH	**6.0**		0.10	1		09/24/20 05:21		pH
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	**937**	ug/L	500	1		09/25/20 18:27		
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		09/25/20 18:27	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		09/25/20 18:27	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/25/20 18:27	17060-07-0	
Preservation pH	**4.0**		0.10	1		09/25/20 18:27		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(20-21) **Lab ID: 60348895002** Collected: 09/16/20 17:56 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.5	1	09/22/20 13:31	09/25/20 12:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	30	%	28-143	1	09/22/20 13:31	09/25/20 12:49	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.9**	mg/kg	0.95	1	10/01/20 11:39	10/02/20 13:52	7440-38-2	
Barium	**88.0**	mg/kg	0.48	1	10/01/20 11:39	10/02/20 13:52	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/01/20 11:39	10/02/20 13:52	7440-43-9	
Chromium	**25.9**	mg/kg	0.48	1	10/01/20 11:39	10/02/20 13:52	7440-47-3	
Lead	**8.6**	mg/kg	0.95	1	10/01/20 11:39	10/02/20 13:52	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/01/20 11:39	10/02/20 13:52	7782-49-2	
Silver	ND	mg/kg	0.67	1	10/01/20 11:39	10/02/20 13:52	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.052	1	09/28/20 14:40	09/29/20 12:55	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	83-32-9	
Acenaphthylene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	208-96-8	
Anthracene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	120-12-7	
Benzo(a)anthracene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	56-55-3	
Benzo(a)pyrene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	207-08-9	
Benzoic Acid	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 18:57	65-85-0	L1
Benzyl alcohol	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	101-55-3	
Butylbenzylphthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	85-68-7	
Carbazole	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	59-50-7	
4-Chloroaniline	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	108-60-1	
2-Chloronaphthalene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	91-58-7	

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(913)599-5665

ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(20-21) **Lab ID: 60348895002** Collected: 09/16/20 17:56 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	7005-72-3	
Chrysene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	53-70-3	
Dibenzofuran	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	120-83-2	
Diethylphthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	105-67-9	
Dimethylphthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	131-11-3	
Di-n-butylphthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 18:57	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 18:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	606-20-2	
Di-n-octylphthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	117-81-7	
Fluoranthene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	206-44-0	
Fluorene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	87-68-3	
Hexachlorobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	77-47-4	
Hexachloroethane	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	193-39-5	
Isophorone	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	78-59-1	
2-Methylnaphthalene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	15831-10-4	
Naphthalene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	91-20-3	
2-Nitroaniline	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	88-74-4	
3-Nitroaniline	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	99-09-2	
4-Nitroaniline	ND	ug/kg	811	1	09/27/20 13:01	09/29/20 18:57	100-01-6	
Nitrobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	98-95-3	
2-Nitrophenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 18:57	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	86-30-6	
Pentachlorophenol	ND	ug/kg	2050	1	09/27/20 13:01	09/29/20 18:57	87-86-5	
Phenanthrene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	85-01-8	
Phenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	108-95-2	
Pyrene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	129-00-0	
Pyridine	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(20-21) **Lab ID: 60348895002** Collected: 09/16/20 17:56 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	406	1	09/27/20 13:01	09/29/20 18:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	33-132	1	09/27/20 13:01	09/29/20 18:57	4165-60-0	
2-Fluorobiphenyl (S)	75	%	39-136	1	09/27/20 13:01	09/29/20 18:57	321-60-8	
Terphenyl-d14 (S)	75	%	29-131	1	09/27/20 13:01	09/29/20 18:57	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 18:57	13127-88-3	
2-Fluorophenol (S)	70	%	43-96	1	09/27/20 13:01	09/29/20 18:57	367-12-4	
2,4,6-Tribromophenol (S)	71	%	41-108	1	09/27/20 13:01	09/29/20 18:57	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	18.7	1	09/25/20 15:43	09/29/20 01:33		
TPH-DRO	ND	mg/kg	18.7	1	09/25/20 15:43	09/29/20 01:33		
Surrogates								
Nitrobenzene-d5 (S)	78	%	33-132	1	09/25/20 15:43	09/29/20 01:33	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	09/25/20 15:43	09/29/20 01:33	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/25/20 15:43	09/29/20 01:33	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	16.6	1	09/22/20 09:57	09/22/20 13:48	67-64-1	
Benzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-27-4	
Bromoform	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-25-2	
Bromomethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 13:48	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.7	1	09/22/20 09:57	09/22/20 13:48	98-06-6	
Carbon disulfide	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	108-90-7	
Chloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-00-3	
Chloroform	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	67-66-3	
Chloromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 13:48	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(20-21) **Lab ID: 60348895002** Collected: 09/16/20 17:56 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	87-68-3	
2-Hexanone	ND	ug/kg	16.6	1	09/22/20 09:57	09/22/20 13:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 13:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	1634-04-4	
Naphthalene	ND	ug/kg	8.3	1	09/22/20 09:57	09/22/20 13:48	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	103-65-1	
Styrene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	127-18-4	
Toluene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	75-01-4	
Xylene (Total)	ND	ug/kg	4.1	1	09/22/20 09:57	09/22/20 13:48	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	09/22/20 09:57	09/22/20 13:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/22/20 09:57	09/22/20 13:48	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(20-21) **Lab ID: 60348895002** Collected: 09/16/20 17:56 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	78-118	1	09/22/20 09:57	09/22/20 13:48	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.41	1	09/22/20 09:29	09/22/20 13:48		
Surrogates								
Toluene-d8 (S)	99	%	78-122	1	09/22/20 09:29	09/22/20 13:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/22/20 09:29	09/22/20 13:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/22/20 09:29	09/22/20 13:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**20.3**	%	0.50	1		09/23/20 17:02		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(11-12) **Lab ID: 60348895003** Collected: 09/16/20 17:34 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.8	1	09/22/20 13:31	09/23/20 23:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/22/20 13:31	09/23/20 23:28	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**3.4**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:54	7440-38-2	
Barium	**66.0**	mg/kg	0.55	1	10/01/20 11:39	10/02/20 13:54	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	10/01/20 11:39	10/02/20 13:54	7440-43-9	
Chromium	**8.3**	mg/kg	0.55	1	10/01/20 11:39	10/02/20 13:54	7440-47-3	
Lead	**175**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:54	7439-92-1	
Selenium	ND	mg/kg	1.7	1	10/01/20 11:39	10/02/20 13:54	7782-49-2	
Silver	ND	mg/kg	0.78	1	10/01/20 11:39	10/02/20 13:54	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.15**	mg/kg	0.051	1	09/28/20 14:40	09/29/20 12:57	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	83-32-9	
Acenaphthylene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	208-96-8	
Anthracene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	120-12-7	
Benzo(a)anthracene	**1070J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	56-55-3	
Benzo(a)pyrene	**987J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	50-32-8	
Benzo(b)fluoranthene	**1820J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	207-08-9	
Benzoic Acid	ND	ug/kg	18900	10	09/27/20 13:01	09/29/20 19:19	65-85-0	L1
Benzyl alcohol	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	85-68-7	
Carbazole	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	59-50-7	
4-Chloroaniline	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	108-60-1	
2-Chloronaphthalene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(11-12) **Lab ID: 60348895003** Collected: 09/16/20 17:34 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	7005-72-3	
Chrysene	**1130J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	53-70-3	
Dibenzofuran	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	120-83-2	
Diethylphthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	105-67-9	
Dimethylphthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	18900	10	09/27/20 13:01	09/29/20 19:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	18900	10	09/27/20 13:01	09/29/20 19:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	117-81-7	
Fluoranthene	**2570J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	206-44-0	
Fluorene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	87-68-3	
Hexachlorobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	77-47-4	
Hexachloroethane	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	193-39-5	
Isophorone	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	78-59-1	
2-Methylnaphthalene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	15831-10-4	
Naphthalene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	91-20-3	
2-Nitroaniline	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	88-74-4	
3-Nitroaniline	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	99-09-2	
4-Nitroaniline	ND	ug/kg	7490	10	09/27/20 13:01	09/29/20 19:19	100-01-6	
Nitrobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	98-95-3	
2-Nitrophenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	88-75-5	
4-Nitrophenol	ND	ug/kg	18900	10	09/27/20 13:01	09/29/20 19:19	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	86-30-6	
Pentachlorophenol	ND	ug/kg	18900	10	09/27/20 13:01	09/29/20 19:19	87-86-5	
Phenanthrene	**1710J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	85-01-8	
Phenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	108-95-2	
Pyrene	**2250J**	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	129-00-0	
Pyridine	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(11-12) **Lab ID: 60348895003** Collected: 09/16/20 17:34 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	3740	10	09/27/20 13:01	09/29/20 19:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	10	09/27/20 13:01	09/29/20 19:19	4165-60-0	D4,S4
2-Fluorobiphenyl (S)	0	%	39-136	10	09/27/20 13:01	09/29/20 19:19	321-60-8	S4
Terphenyl-d14 (S)	0	%	29-131	10	09/27/20 13:01	09/29/20 19:19	1718-51-0	S4
Phenol-d6 (S)	0	%	43-95	10	09/27/20 13:01	09/29/20 19:19	13127-88-3	S4
2-Fluorophenol (S)	0	%	43-96	10	09/27/20 13:01	09/29/20 19:19	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	41-108	10	09/27/20 13:01	09/29/20 19:19	118-79-6	S4
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**114**	mg/kg	33.4	2	09/25/20 15:43	09/29/20 01:52		
TPH-DRO	**237**	mg/kg	33.4	2	09/25/20 15:43	09/29/20 01:52		
Surrogates								
Nitrobenzene-d5 (S)	67	%	33-132	2	09/25/20 15:43	09/29/20 01:52	4165-60-0	D3
2-Fluorobiphenyl (S)	74	%	39-136	2	09/25/20 15:43	09/29/20 01:52	321-60-8	
Terphenyl-d14 (S)	73	%	29-131	2	09/25/20 15:43	09/29/20 01:52	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	3870	10	09/22/20 11:34	09/23/20 10:45	67-64-1	
Benzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	71-43-2	
Bromobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	108-86-1	
Bromochloromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	74-97-5	
Bromodichloromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-27-4	
Bromoform	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-25-2	
Bromomethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1930	10	09/22/20 11:34	09/23/20 10:45	78-93-3	
n-Butylbenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	4840	10	09/22/20 11:34	09/23/20 10:45	98-06-6	
Carbon disulfide	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	56-23-5	
Chlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	108-90-7	
Chloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-00-3	
Chloroform	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	67-66-3	
Chloromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1930	10	09/22/20 11:34	09/23/20 10:45	96-12-8	
Dibromochloromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	106-93-4	
Dibromomethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	74-95-3	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(11-12) **Lab ID: 60348895003** Collected: 09/16/20 17:34 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
1,2-Dichlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	540-59-0	
1,1-Dichloroethene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	10061-02-6	
Ethylbenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	87-68-3	
2-Hexanone	ND	ug/kg	3870	10	09/22/20 11:34	09/23/20 10:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	99-87-6	
Methylene Chloride	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1930	10	09/22/20 11:34	09/23/20 10:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	1634-04-4	
Naphthalene	ND	ug/kg	1930	10	09/22/20 11:34	09/23/20 10:45	91-20-3	
n-Propylbenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	103-65-1	
Styrene	**56000**	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	79-34-5	
Tetrachloroethene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	127-18-4	
Toluene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	79-00-5	
Trichloroethene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	96-18-4	
1,2,4-Trimethylbenzene	**1750**	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	108-67-8	
Vinyl chloride	ND	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	75-01-4	
Xylene (Total)	**1290**	ug/kg	967	10	09/22/20 11:34	09/23/20 10:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	10	09/22/20 11:34	09/23/20 10:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	83-119	10	09/22/20 11:34	09/23/20 10:45	460-00-4	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(11-12) **Lab ID: 60348895003** Collected: 09/16/20 17:34 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	78-118	10	09/22/20 11:34	09/23/20 10:45	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 5035A/8260 Preparation Method: EPA 5035/5030 Pace Analytical Services - Kansas City							
TPH-GRO	**101**	mg/kg	97.3	10	09/22/20 14:47	09/22/20 23:09		
Surrogates								
Toluene-d8 (S)	103	%	80-120	10	09/22/20 14:47	09/22/20 23:09	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-115	10	09/22/20 14:47	09/22/20 23:09	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	78-118	10	09/22/20 14:47	09/22/20 23:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**13.2**	%	0.50	1		09/23/20 17:02		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(5-7) **Lab ID: 60348895004** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 SW	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	41.7	1	09/22/20 13:31	09/23/20 23:46	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	57	%	28-143	1	09/22/20 13:31	09/23/20 23:46	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**10.5**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 13:57	7440-38-2	
Barium	**222**	mg/kg	0.61	1	10/01/20 11:39	10/02/20 13:57	7440-39-3	
Cadmium	ND	mg/kg	0.61	1	10/01/20 11:39	10/02/20 13:57	7440-43-9	
Chromium	**19.6**	mg/kg	0.61	1	10/01/20 11:39	10/02/20 13:57	7440-47-3	
Lead	**12.8**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 13:57	7439-92-1	
Selenium	ND	mg/kg	1.8	1	10/01/20 11:39	10/02/20 13:57	7782-49-2	
Silver	ND	mg/kg	0.85	1	10/01/20 11:39	10/02/20 13:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.051	1	09/28/20 14:40	09/29/20 12:59	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	**36200J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	83-32-9	
Acenaphthylene	**25000J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	208-96-8	
Anthracene	**102000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	120-12-7	
Benzo(a)anthracene	**115000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	56-55-3	
Benzo(a)pyrene	**84600**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	50-32-8	
Benzo(b)fluoranthene	**106000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	205-99-2	
Benzo(g,h,i)perylene	**31400J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	191-24-2	
Benzo(k)fluoranthene	**39000J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	207-08-9	
Benzoic Acid	ND	ug/kg	204000	10	09/27/20 13:01	09/29/20 19:40	65-85-0	L1
Benzyl alcohol	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	101-55-3	
Butylbenzylphthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	85-68-7	
Carbazole	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	59-50-7	
4-Chloroaniline	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	108-60-1	
2-Chloronaphthalene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	91-58-7	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(5-7) **Lab ID: 60348895004** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
2-Chlorophenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	7005-72-3	
Chrysene	**90100**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	218-01-9	
Dibenz(a,h)anthracene	**12500J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	53-70-3	
Dibenzofuran	**54300**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	120-83-2	
Diethylphthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	105-67-9	
Dimethylphthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	204000	10	09/27/20 13:01	09/29/20 19:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	204000	10	09/27/20 13:01	09/29/20 19:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	117-81-7	
Fluoranthene	**226000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	206-44-0	
Fluorene	**71000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	77-47-4	
Hexachloroethane	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	67-72-1	
Indeno(1,2,3-cd)pyrene	**34300J**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	193-39-5	
Isophorone	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	78-59-1	
2-Methylnaphthalene	**40600**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	15831-10-4	
Naphthalene	**65300**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	91-20-3	
2-Nitroaniline	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	88-74-4	
3-Nitroaniline	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	99-09-2	
4-Nitroaniline	ND	ug/kg	80700	10	09/27/20 13:01	09/29/20 19:40	100-01-6	
Nitrobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	98-95-3	
2-Nitrophenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	88-75-5	
4-Nitrophenol	ND	ug/kg	204000	10	09/27/20 13:01	09/29/20 19:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	86-30-6	
Pentachlorophenol	ND	ug/kg	204000	10	09/27/20 13:01	09/29/20 19:40	87-86-5	
Phenanthrene	**302000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	85-01-8	
Phenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	108-95-2	
Pyrene	**175000**	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	129-00-0	
Pyridine	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	110-86-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(5-7) **Lab ID: 60348895004** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
1,2,4-Trichlorobenzene	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	40400	10	09/27/20 13:01	09/29/20 19:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	10	09/27/20 13:01	09/29/20 19:40	4165-60-0	D4,P3, S4
2-Fluorobiphenyl (S)	0	%	39-136	10	09/27/20 13:01	09/29/20 19:40	321-60-8	S4
Terphenyl-d14 (S)	0	%	29-131	10	09/27/20 13:01	09/29/20 19:40	1718-51-0	S4
Phenol-d6 (S)	0	%	43-95	10	09/27/20 13:01	09/29/20 19:40	13127-88-3	S4
2-Fluorophenol (S)	0	%	43-96	10	09/27/20 13:01	09/29/20 19:40	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	41-108	10	09/27/20 13:01	09/29/20 19:40	118-79-6	S4
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**1710**	mg/kg	472	10	09/25/20 15:43	09/29/20 02:12		
TPH-DRO	**745**	mg/kg	472	10	09/25/20 15:43	09/29/20 02:12		
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	10	09/25/20 15:43	09/29/20 02:12	4165-60-0	D3,P3, S4
2-Fluorobiphenyl (S)	0	%	39-136	10	09/25/20 15:43	09/29/20 02:12	321-60-8	S4
Terphenyl-d14 (S)	0	%	29-131	10	09/25/20 15:43	09/29/20 02:12	1718-51-0	S4
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**39.7**	ug/kg	17.7	1	09/23/20 10:09	09/23/20 16:44	67-64-1	
Benzene	**9.5**	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-27-4	
Bromoform	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-25-2	
Bromomethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.8	1	09/23/20 10:09	09/23/20 16:44	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	22.1	1	09/23/20 10:09	09/23/20 16:44	98-06-6	
Carbon disulfide	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	108-90-7	
Chloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-00-3	
Chloroform	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	67-66-3	
Chloromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.8	1	09/23/20 10:09	09/23/20 16:44	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	124-48-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(5-7) **Lab ID: 60348895004** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	87-68-3	
2-Hexanone	ND	ug/kg	17.7	1	09/23/20 10:09	09/23/20 16:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.8	1	09/23/20 10:09	09/23/20 16:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	1634-04-4	
n-Propylbenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	103-65-1	
Styrene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	127-18-4	
Toluene	**7.4**	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	96-18-4	
1,2,4-Trimethylbenzene	**12.4**	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	95-63-6	
1,3,5-Trimethylbenzene	**5.0**	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	75-01-4	
Xylene (Total)	**12.9**	ug/kg	4.4	1	09/23/20 10:09	09/23/20 16:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/23/20 10:09	09/23/20 16:44	2037-26-5	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: DPT-4-SO-(5-7) **Lab ID: 60348895004** Collected: 09/16/20 16:45 Received: 09/18/20 04:15 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 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	98	%	85-115	1	09/23/20 10:09	09/23/20 16:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	78-118	1	09/23/20 10:09	09/23/20 16:44	17060-07-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
Naphthalene	**74500**	ug/kg	4040	10	09/24/20 11:05	09/24/20 15:43	91-20-3	
Surrogates								
Toluene-d8 (S)	102	%	80-120	10	09/24/20 11:05	09/24/20 15:43	2037-26-5	
4-Bromofluorobenzene (S)	95	%	83-119	10	09/24/20 11:05	09/24/20 15:43	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	78-118	10	09/24/20 11:05	09/24/20 15:43	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	0.44	1	09/23/20 10:30	09/23/20 16:44		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/23/20 10:30	09/23/20 16:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/23/20 10:30	09/23/20 16:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-123	1	09/23/20 10:30	09/23/20 16:44	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**21.0**	%	0.50	1		09/23/20 17:02		

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: WE BUILDING-GW-TB3 **Lab ID: 60348895005** Collected: 09/16/20 22:42 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/24/20 03:12	67-64-1	
Benzene	ND	ug/L	1.0	1		09/24/20 03:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/24/20 03:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/24/20 03:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/24/20 03:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/24/20 03:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/24/20 03:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/24/20 03:12	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/24/20 03:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/24/20 03:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/24/20 03:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/24/20 03:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/24/20 03:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 03:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/24/20 03:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/24/20 03:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/24/20 03:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/24/20 03:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/24/20 03:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/24/20 03:12	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/24/20 03:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/24/20 03:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/24/20 03:12	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/24/20 03:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 03:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/24/20 03:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 03:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/24/20 03:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/24/20 03:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/24/20 03:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 03:12	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/24/20 03:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/24/20 03:12	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/24/20 03:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/24/20 03:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/24/20 03:12	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/24/20 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/24/20 03:12	108-10-1	

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ANALYTICAL RESULTS

Project: WE BUILDING
Pace Project No.: 60348895

Sample: WE BUILDING-GW-TB3 **Lab ID: 60348895005** Collected: 09/16/20 22:42 Received: 09/18/20 04:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/24/20 03:12	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/24/20 03:12	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	103-65-1	
Styrene	ND	ug/L	1.0	1		09/24/20 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/24/20 03:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/24/20 03:12	127-18-4	
Toluene	ND	ug/L	1.0	1		09/24/20 03:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/24/20 03:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/24/20 03:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/24/20 03:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/24/20 03:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/24/20 03:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/24/20 03:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/24/20 03:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/24/20 03:12	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/24/20 03:12	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		09/24/20 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/24/20 03:12	17060-07-0	
Toluene-d8 (S)	104	%	80-120	1		09/24/20 03:12	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/24/20 03:12		

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678729
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2744320 Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/25/20 10:31	

LABORATORY CONTROL SAMPLE: 2744321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744322 2744323

Parameter	Units	60347988002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.13 mg/L	5	5	214	142	1620	176	75-125	41	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 677968
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2741844 Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	09/22/20 12:39	

LABORATORY CONTROL SAMPLE: 2741845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741846 2741847

Parameter	Units	60348648005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	5.1	5.2	102	103	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 679313
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2746899
Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	09/29/20 12:20	

LABORATORY CONTROL SAMPLE: 2746900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746901 2746902

Parameter	Units	60348842021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.021J	0.52	0.51	0.50	0.48	92	91	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 680128
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2749566 Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/02/20 13:23	
Barium	mg/kg	ND	0.50	10/02/20 13:23	
Cadmium	mg/kg	ND	0.50	10/02/20 13:23	
Chromium	mg/kg	ND	0.50	10/02/20 13:23	
Lead	mg/kg	ND	1.0	10/02/20 13:23	
Selenium	mg/kg	ND	1.5	10/02/20 13:23	
Silver	mg/kg	ND	0.70	10/02/20 13:23	

LABORATORY CONTROL SAMPLE: 2749567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.4	96	80-120	
Barium	mg/kg	100	100	100	80-120	
Cadmium	mg/kg	100	95.4	95	80-120	
Chromium	mg/kg	100	99.3	99	80-120	
Lead	mg/kg	100	101	101	80-120	
Selenium	mg/kg	100	93.3	93	80-120	
Silver	mg/kg	50	48.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749568 2749569

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.9	98.6	107	91.3	98.1	87	86	75-125	7	20	
Barium	mg/kg	133	98.6	107	245	224	114	85	75-125	9	20	
Cadmium	mg/kg	ND	98.6	107	86.2	93.4	87	87	75-125	8	20	
Chromium	mg/kg	32.5	98.6	107	126	131	95	92	75-125	4	20	
Lead	mg/kg	10	98.6	107	94.6	102	86	86	75-125	7	20	
Selenium	mg/kg	ND	98.6	107	81.5	89.0	83	83	75-125	9	20	
Silver	mg/kg	ND	49.3	53.5	46.3	49.9	93	92	75-125	7	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 680174
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2749655
Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/01/20 18:56	
Barium	ug/L	ND	5.0	10/01/20 18:56	
Cadmium	ug/L	ND	5.0	10/01/20 18:56	
Chromium	ug/L	ND	5.0	10/01/20 18:56	
Lead	ug/L	ND	10.0	10/01/20 18:56	
Selenium	ug/L	ND	15.0	10/01/20 18:56	
Silver	ug/L	ND	7.0	10/01/20 18:56	

LABORATORY CONTROL SAMPLE: 2749656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	970	97	80-120	
Barium	ug/L	1000	953	95	80-120	
Cadmium	ug/L	1000	974	97	80-120	
Chromium	ug/L	1000	978	98	80-120	
Lead	ug/L	1000	996	100	80-120	
Selenium	ug/L	1000	994	99	80-120	
Silver	ug/L	500	414	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749657 2749658

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	222	1000	1000	1060	1020	83	80	75-125	3	20	
Barium	ug/L	5320	1000	1000	6140	6090	82	77	75-125	1	20	
Cadmium	ug/L	14.9	1000	1000	867	842	85	83	75-125	3	20	
Chromium	ug/L	401	1000	1000	1300	1290	90	89	75-125	1	20	
Lead	ug/L	3300	1000	1000	3910	3850	61	55	75-125	2	20	M1
Selenium	ug/L	ND	1000	1000	782	759	78	75	75-125	3	20	
Silver	ug/L	14.1	500	500	394	388	76	75	75-125	2	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 680184
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2749674 Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Barium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Cadmium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Chromium, Dissolved	ug/L	ND	5.0	10/02/20 09:56	
Lead, Dissolved	ug/L	ND	10.0	10/02/20 09:56	
Selenium, Dissolved	ug/L	ND	15.0	10/02/20 09:56	
Silver, Dissolved	ug/L	ND	7.0	10/02/20 09:56	

LABORATORY CONTROL SAMPLE: 2749675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	975	97	80-120	
Barium, Dissolved	ug/L	1000	943	94	80-120	
Cadmium, Dissolved	ug/L	1000	971	97	80-120	
Chromium, Dissolved	ug/L	1000	975	97	80-120	
Lead, Dissolved	ug/L	1000	1010	101	80-120	
Selenium, Dissolved	ug/L	1000	981	98	80-120	
Silver, Dissolved	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749676 2749677

Parameter	Units	60348883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	1020	1040	102	104	75-125	2	20	
Barium, Dissolved	ug/L	119	1000	1000	1070	1080	95	96	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	974	988	97	99	75-125	1	20	
Chromium, Dissolved	ug/L	ND	1000	1000	978	988	98	99	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	971	984	97	98	75-125	1	20	
Selenium, Dissolved	ug/L	27.4	1000	1000	1020	1040	100	101	75-125	2	20	
Silver, Dissolved	ug/L	ND	500	500	483	486	97	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678123
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002

METHOD BLANK: 2742283
Matrix: Solid
Associated Lab Samples: 60348895002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
1,1-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/22/20 09:22	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
1,3-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
2,2-Dichloropropane	ug/kg	ND	5.0	09/22/20 09:22	
2-Butanone (MEK)	ug/kg	ND	10.0	09/22/20 09:22	
2-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
2-Hexanone	ug/kg	ND	20.0	09/22/20 09:22	
4-Chlorotoluene	ug/kg	ND	5.0	09/22/20 09:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/22/20 09:22	
Acetone	ug/kg	ND	20.0	09/22/20 09:22	
Benzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Bromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromodichloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Bromoform	ug/kg	ND	5.0	09/22/20 09:22	
Bromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Carbon disulfide	ug/kg	ND	5.0	09/22/20 09:22	
Carbon tetrachloride	ug/kg	ND	5.0	09/22/20 09:22	
Chlorobenzene	ug/kg	ND	5.0	09/22/20 09:22	
Chloroethane	ug/kg	ND	5.0	09/22/20 09:22	
Chloroform	ug/kg	ND	5.0	09/22/20 09:22	
Chloromethane	ug/kg	ND	5.0	09/22/20 09:22	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2742283 Matrix: Solid
Associated Lab Samples: 60348895002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Dibromochloromethane	ug/kg	ND	5.0	09/22/20 09:22	
Dibromomethane	ug/kg	ND	5.0	09/22/20 09:22	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Ethylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/22/20 09:22	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/22/20 09:22	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/22/20 09:22	
Methylene Chloride	ug/kg	ND	5.0	09/22/20 09:22	
n-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
n-Propylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Naphthalene	ug/kg	ND	10.0	09/22/20 09:22	
p-Isopropyltoluene	ug/kg	ND	5.0	09/22/20 09:22	
sec-Butylbenzene	ug/kg	ND	5.0	09/22/20 09:22	
Styrene	ug/kg	ND	5.0	09/22/20 09:22	
tert-Butylbenzene	ug/kg	ND	25.0	09/22/20 09:22	
Tetrachloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Toluene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/22/20 09:22	
Trichloroethene	ug/kg	ND	5.0	09/22/20 09:22	
Trichlorofluoromethane	ug/kg	ND	5.0	09/22/20 09:22	
Vinyl chloride	ug/kg	ND	5.0	09/22/20 09:22	
Xylene (Total)	ug/kg	ND	5.0	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	78-118	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	85-115	09/22/20 09:22	
Toluene-d8 (S)	%	101	80-120	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	103	103	84-125	
1,1,1-Trichloroethane	ug/kg	100	102	102	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	95.5	95	76-121	
1,1,2-Trichloroethane	ug/kg	100	101	101	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	103	103	71-124	
1,1-Dichloropropene	ug/kg	100	90.9	91	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	102	102	81-123	
1,2,3-Trichloropropane	ug/kg	100	97.1	97	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	104	104	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	104	104	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.0	93	74-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	101	101	64-137	
1,2-Dichlorobenzene	ug/kg	100	102	102	83-119	
1,2-Dichloroethane	ug/kg	100	92.7	93	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	203	101	82-117	
1,2-Dichloropropane	ug/kg	100	98.8	99	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	106	106	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	101	101	83-118	
1,4-Dichlorobenzene	ug/kg	100	96.5	97	83-116	
2,2-Dichloropropane	ug/kg	100	104	104	76-124	
2-Butanone (MEK)	ug/kg	500	468	94	63-122	
2-Chlorotoluene	ug/kg	100	103	103	79-119	
2-Hexanone	ug/kg	500	480	96	68-122	
4-Chlorotoluene	ug/kg	100	103	103	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	473	95	63-128	
Acetone	ug/kg	500	435	87	55-124	
Benzene	ug/kg	100	96.8	97	67-126	
Bromobenzene	ug/kg	100	102	102	85-117	
Bromochloromethane	ug/kg	100	101	101	78-122	
Bromodichloromethane	ug/kg	100	101	101	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	86.2	86	20-168	
Carbon disulfide	ug/kg	100	118	118	60-133	
Carbon tetrachloride	ug/kg	100	109	109	79-128	
Chlorobenzene	ug/kg	100	102	102	84-118	
Chloroethane	ug/kg	100	90.0	90	53-139	
Chloroform	ug/kg	100	99.8	100	82-120	
Chloromethane	ug/kg	100	66.6	67	33-143	
cis-1,2-Dichloroethene	ug/kg	100	99.3	99	83-117	
cis-1,3-Dichloropropene	ug/kg	100	99.6	100	80-122	
Dibromochloromethane	ug/kg	100	109	109	82-128	
Dibromomethane	ug/kg	100	98.2	98	82-119	
Dichlorodifluoromethane	ug/kg	100	44.9	45	12-159	
Ethylbenzene	ug/kg	100	103	103	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	108	108	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	103	103	83-122	
Methyl-tert-butyl ether	ug/kg	100	95.6	96	58-137	
Methylene Chloride	ug/kg	100	92.7	93	68-125	
n-Butylbenzene	ug/kg	100	113	113	73-131	
n-Propylbenzene	ug/kg	100	105	105	82-122	
Naphthalene	ug/kg	100	103	103	60-136	
p-Isopropyltoluene	ug/kg	100	97.3	97	74-129	
sec-Butylbenzene	ug/kg	100	116	116	71-133	
Styrene	ug/kg	100	107	107	84-121	
tert-Butylbenzene	ug/kg	100	105	105	81-122	
Tetrachloroethene	ug/kg	100	110	110	78-130	
Toluene	ug/kg	100	102	102	80-118	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	104	104	78-118	
trans-1,3-Dichloropropene	ug/kg	100	107	107	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	104	104	64-133	
Vinyl chloride	ug/kg	100	78.9	79	45-139	
Xylene (Total)	ug/kg	300	310	103	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			98	85-115	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678413
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348895004

METHOD BLANK: 2743154
Matrix: Solid
Associated Lab Samples: 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,1-Dichloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,1-Dichloroethene	ug/kg	ND	5.0	09/23/20 12:03	
1,1-Dichloropropene	ug/kg	ND	5.0	09/23/20 12:03	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/23/20 12:03	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/23/20 12:03	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dichloroethane	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dichloropropane	ug/kg	ND	5.0	09/23/20 12:03	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
1,3-Dichloropropane	ug/kg	ND	5.0	09/23/20 12:03	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
2,2-Dichloropropane	ug/kg	ND	5.0	09/23/20 12:03	
2-Butanone (MEK)	ug/kg	ND	10.0	09/23/20 12:03	
2-Chlorotoluene	ug/kg	ND	5.0	09/23/20 12:03	
2-Hexanone	ug/kg	ND	20.0	09/23/20 12:03	
4-Chlorotoluene	ug/kg	ND	5.0	09/23/20 12:03	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/23/20 12:03	
Acetone	ug/kg	ND	20.0	09/23/20 12:03	
Benzene	ug/kg	ND	5.0	09/23/20 12:03	
Bromobenzene	ug/kg	ND	5.0	09/23/20 12:03	
Bromochloromethane	ug/kg	ND	5.0	09/23/20 12:03	
Bromodichloromethane	ug/kg	ND	5.0	09/23/20 12:03	
Bromoform	ug/kg	ND	5.0	09/23/20 12:03	
Bromomethane	ug/kg	ND	5.0	09/23/20 12:03	
Carbon disulfide	ug/kg	ND	5.0	09/23/20 12:03	
Carbon tetrachloride	ug/kg	ND	5.0	09/23/20 12:03	
Chlorobenzene	ug/kg	ND	5.0	09/23/20 12:03	
Chloroethane	ug/kg	ND	5.0	09/23/20 12:03	
Chloroform	ug/kg	ND	5.0	09/23/20 12:03	
Chloromethane	ug/kg	ND	5.0	09/23/20 12:03	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2743154 Matrix: Solid
Associated Lab Samples: 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/23/20 12:03	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/23/20 12:03	
Dibromochloromethane	ug/kg	ND	5.0	09/23/20 12:03	
Dibromomethane	ug/kg	ND	5.0	09/23/20 12:03	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/23/20 12:03	
Ethylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/23/20 12:03	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/23/20 12:03	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/23/20 12:03	
Methylene Chloride	ug/kg	ND	5.0	09/23/20 12:03	
n-Butylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
n-Propylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
p-Isopropyltoluene	ug/kg	ND	5.0	09/23/20 12:03	
sec-Butylbenzene	ug/kg	ND	5.0	09/23/20 12:03	
Styrene	ug/kg	ND	5.0	09/23/20 12:03	
tert-Butylbenzene	ug/kg	ND	25.0	09/23/20 12:03	
Tetrachloroethene	ug/kg	ND	5.0	09/23/20 12:03	
Toluene	ug/kg	ND	5.0	09/23/20 12:03	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/23/20 12:03	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/23/20 12:03	
Trichloroethene	ug/kg	ND	5.0	09/23/20 12:03	
Trichlorofluoromethane	ug/kg	ND	5.0	09/23/20 12:03	
Vinyl chloride	ug/kg	ND	5.0	09/23/20 12:03	
Xylene (Total)	ug/kg	ND	5.0	09/23/20 12:03	
1,2-Dichloroethane-d4 (S)	%	98	78-118	09/23/20 12:03	
4-Bromofluorobenzene (S)	%	100	85-115	09/23/20 12:03	
Toluene-d8 (S)	%	103	80-120	09/23/20 12:03	

LABORATORY CONTROL SAMPLE: 2743155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	99.6	100	84-125	
1,1,1-Trichloroethane	ug/kg	100	96.0	96	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	97.9	98	76-121	
1,1,2-Trichloroethane	ug/kg	100	102	102	83-118	
1,1-Dichloroethane	ug/kg	100	102	102	74-120	
1,1-Dichloroethene	ug/kg	100	95.9	96	71-124	
1,1-Dichloropropene	ug/kg	100	87.3	87	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	103	103	81-123	
1,2,3-Trichloropropane	ug/kg	100	101	101	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	103	103	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	99.8	100	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	96.2	96	74-125	
1,2-Dibromoethane (EDB)	ug/kg	100	104	104	64-137	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2743155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	100	100	100	83-119	
1,2-Dichloroethane	ug/kg	100	93.9	94	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	196	98	82-117	
1,2-Dichloropropane	ug/kg	100	98.8	99	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	100	100	81-122	
1,3-Dichlorobenzene	ug/kg	100	100	100	83-119	
1,3-Dichloropropane	ug/kg	100	102	102	83-118	
1,4-Dichlorobenzene	ug/kg	100	94.2	94	83-116	
2,2-Dichloropropane	ug/kg	100	96.7	97	76-124	
2-Butanone (MEK)	ug/kg	500	503	101	63-122	
2-Chlorotoluene	ug/kg	100	97.7	98	79-119	
2-Hexanone	ug/kg	500	506	101	68-122	
4-Chlorotoluene	ug/kg	100	99.7	100	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	507	101	63-128	
Acetone	ug/kg	500	477	95	55-124	
Benzene	ug/kg	100	93.8	94	67-126	
Bromobenzene	ug/kg	100	101	101	85-117	
Bromochloromethane	ug/kg	100	100	100	78-122	
Bromodichloromethane	ug/kg	100	100	100	82-120	
Bromoform	ug/kg	100	104	104	77-133	
Bromomethane	ug/kg	100	65.3	65	20-168	
Carbon disulfide	ug/kg	100	107	107	60-133	
Carbon tetrachloride	ug/kg	100	99.5	100	79-128	
Chlorobenzene	ug/kg	100	99.1	99	84-118	
Chloroethane	ug/kg	100	82.6	83	53-139	
Chloroform	ug/kg	100	98.0	98	82-120	
Chloromethane	ug/kg	100	51.8	52	33-143	
cis-1,2-Dichloroethene	ug/kg	100	98.5	98	83-117	
cis-1,3-Dichloropropene	ug/kg	100	99.3	99	80-122	
Dibromochloromethane	ug/kg	100	106	106	82-128	
Dibromomethane	ug/kg	100	101	101	82-119	
Dichlorodifluoromethane	ug/kg	100	33.1	33	12-159	
Ethylbenzene	ug/kg	100	97.2	97	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	103	103	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	97.0	97	83-122	
Methyl-tert-butyl ether	ug/kg	100	97.7	98	58-137	
Methylene Chloride	ug/kg	100	91.2	91	68-125	
n-Butylbenzene	ug/kg	100	106	106	73-131	
n-Propylbenzene	ug/kg	100	100	100	82-122	
p-Isopropyltoluene	ug/kg	100	91.6	92	74-129	
sec-Butylbenzene	ug/kg	100	109	109	71-133	
Styrene	ug/kg	100	103	103	84-121	
tert-Butylbenzene	ug/kg	100	99.4	99	81-122	
Tetrachloroethene	ug/kg	100	104	104	78-130	
Toluene	ug/kg	100	97.8	98	80-118	
trans-1,2-Dichloroethene	ug/kg	100	97.9	98	78-118	
trans-1,3-Dichloropropene	ug/kg	100	105	105	81-123	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2743155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/kg	100	103	103	78-127	
Trichlorofluoromethane	ug/kg	100	93.2	93	64-133	
Vinyl chloride	ug/kg	100	66.9	67	45-139	
Xylene (Total)	ug/kg	300	294	98	69-130	
1,2-Dichloroethane-d4 (S)	%			98	78-118	
4-Bromofluorobenzene (S)	%			97	85-115	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2743156 2743157

Parameter	Units	60349026001 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/kg	ND	128	127	102	99.7	79	79	13-133	2	39	
1,1,1-Trichloroethane	ug/kg	ND	128	127	99.3	98.8	77	78	30-131	0	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	128	127	87.5	82.5	68	65	10-139	6	49	
1,1,2-Trichloroethane	ug/kg	ND	128	127	107	106	84	83	10-145	2	41	
1,1-Dichloroethane	ug/kg	ND	128	127	109	108	85	85	24-125	1	31	
1,1-Dichloroethene	ug/kg	ND	128	127	87.1	90.8	68	72	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	128	127	84.3	85.7	66	68	29-116	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	128	127	67.8	62.8	53	49	10-115	8	40	
1,2,3-Trichloropropane	ug/kg	ND	128	127	105	105	82	83	10-150	0	46	
1,2,4-Trichlorobenzene	ug/kg	ND	128	127	69.7	65.8	53	50	10-115	6	44	
1,2,4-Trimethylbenzene	ug/kg	ND	128	127	88.0	85.2	67	66	10-123	3	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	128	127	96.8	98.5	75	78	10-136	2	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	128	127	107	106	83	84	24-149	1	29	
1,2-Dichlorobenzene	ug/kg	ND	128	127	87.2	83.3	68	66	10-123	4	41	
1,2-Dichloroethane	ug/kg	ND	128	127	96.4	95.4	75	75	23-140	1	29	
1,2-Dichloroethene (Total)	ug/kg	ND	257	253	198	196	77	78	30-119	1	32	
1,2-Dichloropropane	ug/kg	ND	128	127	102	100	79	79	13-132	1	33	
1,3,5-Trimethylbenzene	ug/kg	ND	128	127	88.6	86.1	68	67	10-124	3	40	
1,3-Dichlorobenzene	ug/kg	ND	128	127	86.5	83.4	67	66	10-122	4	42	
1,3-Dichloropropane	ug/kg	ND	128	127	105	103	82	82	10-135	2	36	
1,4-Dichlorobenzene	ug/kg	ND	128	127	82.0	78.3	64	62	10-120	5	38	
2,2-Dichloropropane	ug/kg	ND	128	127	98.0	97.6	76	77	22-135	0	31	
2-Butanone (MEK)	ug/kg	ND	642	633	533	521	83	82	12-127	2	37	
2-Chlorotoluene	ug/kg	ND	128	127	90.1	88.6	70	70	10-126	2	38	
2-Hexanone	ug/kg	ND	642	633	518	517	81	82	10-135	0	37	
4-Chlorotoluene	ug/kg	ND	128	127	89.3	87.8	70	69	10-129	2	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	642	633	520	510	81	81	10-129	2	36	
Acetone	ug/kg	ND	642	633	483	450	73	69	10-143	7	34	
Benzene	ug/kg	ND	128	127	96.3	96.0	75	76	37-135	0	24	
Bromobenzene	ug/kg	ND	128	127	103	96.8	80	76	10-134	6	45	
Bromochloromethane	ug/kg	ND	128	127	105	104	82	82	17-129	1	34	
Bromodichloromethane	ug/kg	ND	128	127	104	103	81	82	12-130	1	33	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2743156 2743157

Parameter	Units	60349026001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/kg	ND	128	127	105	104	82	83	10-135	1	39	
Bromomethane	ug/kg	ND	128	127	52.4	47.2	41	37	10-124	10	41	
Carbon disulfide	ug/kg	ND	128	127	89.3	94.0	70	74	17-116	5	28	
Carbon tetrachloride	ug/kg	ND	128	127	100	101	77	78	29-127	0	35	
Chlorobenzene	ug/kg	ND	128	127	98.7	97.0	77	77	10-133	2	33	
Chloroethane	ug/kg	ND	128	127	66.6	61.2	52	48	25-116	9	33	
Chloroform	ug/kg	ND	128	127	107	107	79	80	20-130	0	30	
Chloromethane	ug/kg	ND	128	127	32.6	33.3	25	26	10-113	2	31	
cis-1,2-Dichloroethene	ug/kg	ND	128	127	102	99.2	80	78	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	128	127	102	100	80	79	10-125	2	34	
Dibromochloromethane	ug/kg	ND	128	127	110	109	86	87	10-138	1	38	
Dibromomethane	ug/kg	ND	128	127	104	101	81	80	13-129	3	38	
Dichlorodifluoromethane	ug/kg	ND	128	127	13.2	12.8	10	10	10-114	3	33	
Ethylbenzene	ug/kg	ND	128	127	94.7	93.0	74	73	31-142	2	25	
Hexachloro-1,3-butadiene	ug/kg	12.0	128	127	68.5	62.8	44	40	10-124	9	41	
Isopropylbenzene (Cumene)	ug/kg	ND	128	127	89.2	86.2	69	68	17-120	3	34	
Methyl-tert-butyl ether	ug/kg	ND	128	127	97.9	96.1	76	76	30-143	2	28	
Methylene Chloride	ug/kg	ND	128	127	90.3	90.1	70	71	24-121	0	33	
n-Butylbenzene	ug/kg	ND	128	127	80.9	77.6	62	61	10-121	4	36	
n-Propylbenzene	ug/kg	ND	128	127	88.2	86.2	68	68	12-125	2	37	
p-Isopropyltoluene	ug/kg	6.8	128	127	80.3	79.1	57	57	10-119	1	37	
sec-Butylbenzene	ug/kg	ND	128	127	89.8	87.0	70	68	10-127	3	40	
Styrene	ug/kg	ND	128	127	99.0	95.8	77	76	10-124	3	37	
tert-Butylbenzene	ug/kg	ND	128	127	86.1	83.0	67	66	10-126	4	37	
Tetrachloroethene	ug/kg	31.0	128	127	121	119	71	70	15-133	2	36	
Toluene	ug/kg	ND	128	127	99.3	98.7	77	78	40-137	1	25	
trans-1,2-Dichloroethene	ug/kg	ND	128	127	96.0	97.0	75	77	22-129	1	34	
trans-1,3-Dichloropropene	ug/kg	ND	128	127	108	107	84	84	10-130	1	35	
Trichloroethene	ug/kg	ND	128	127	117	120	91	95	19-135	3	34	
Trichlorofluoromethane	ug/kg	ND	128	127	78.6	79.3	61	63	16-132	1	28	
Vinyl chloride	ug/kg	ND	128	127	45.0	46.2	35	36	14-116	3	28	
Xylene (Total)	ug/kg	ND	385	380	282	274	73	72	19-153	3	27	
1,2-Dichloroethane-d4 (S)	%						97	96	78-118			
4-Bromofluorobenzene (S)	%						98	99	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678034
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895003

METHOD BLANK: 2742010
Matrix: Solid
Associated Lab Samples: 60348895003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	09/23/20 09:26	
1,1,1-Trichloroethane	ug/kg	ND	250	09/23/20 09:26	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	09/23/20 09:26	
1,1,2-Trichloroethane	ug/kg	ND	250	09/23/20 09:26	
1,1-Dichloroethane	ug/kg	ND	250	09/23/20 09:26	
1,1-Dichloroethene	ug/kg	ND	250	09/23/20 09:26	
1,1-Dichloropropene	ug/kg	ND	250	09/23/20 09:26	
1,2,3-Trichlorobenzene	ug/kg	ND	250	09/23/20 09:26	
1,2,3-Trichloropropane	ug/kg	ND	250	09/23/20 09:26	
1,2,4-Trichlorobenzene	ug/kg	ND	250	09/23/20 09:26	
1,2,4-Trimethylbenzene	ug/kg	ND	250	09/23/20 09:26	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	09/23/20 09:26	
1,2-Dibromoethane (EDB)	ug/kg	ND	250	09/23/20 09:26	
1,2-Dichlorobenzene	ug/kg	ND	250	09/23/20 09:26	
1,2-Dichloroethane	ug/kg	ND	250	09/23/20 09:26	
1,2-Dichloroethene (Total)	ug/kg	ND	250	09/23/20 09:26	
1,2-Dichloropropane	ug/kg	ND	250	09/23/20 09:26	
1,3,5-Trimethylbenzene	ug/kg	ND	250	09/23/20 09:26	
1,3-Dichlorobenzene	ug/kg	ND	250	09/23/20 09:26	
1,3-Dichloropropane	ug/kg	ND	250	09/23/20 09:26	
1,4-Dichlorobenzene	ug/kg	ND	250	09/23/20 09:26	
2,2-Dichloropropane	ug/kg	ND	250	09/23/20 09:26	
2-Butanone (MEK)	ug/kg	ND	500	09/23/20 09:26	
2-Chlorotoluene	ug/kg	ND	250	09/23/20 09:26	
2-Hexanone	ug/kg	ND	1000	09/23/20 09:26	
4-Chlorotoluene	ug/kg	ND	250	09/23/20 09:26	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	09/23/20 09:26	
Acetone	ug/kg	ND	1000	09/23/20 09:26	
Benzene	ug/kg	ND	250	09/23/20 09:26	
Bromobenzene	ug/kg	ND	250	09/23/20 09:26	
Bromochloromethane	ug/kg	ND	250	09/23/20 09:26	
Bromodichloromethane	ug/kg	ND	250	09/23/20 09:26	
Bromoform	ug/kg	ND	250	09/23/20 09:26	
Bromomethane	ug/kg	ND	250	09/23/20 09:26	
Carbon disulfide	ug/kg	ND	250	09/23/20 09:26	
Carbon tetrachloride	ug/kg	ND	250	09/23/20 09:26	
Chlorobenzene	ug/kg	ND	250	09/23/20 09:26	
Chloroethane	ug/kg	ND	250	09/23/20 09:26	
Chloroform	ug/kg	ND	250	09/23/20 09:26	
Chloromethane	ug/kg	ND	250	09/23/20 09:26	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2742010 Matrix: Solid
Associated Lab Samples: 60348895003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	09/23/20 09:26	
cis-1,3-Dichloropropene	ug/kg	ND	250	09/23/20 09:26	
Dibromochloromethane	ug/kg	ND	250	09/23/20 09:26	
Dibromomethane	ug/kg	ND	250	09/23/20 09:26	
Dichlorodifluoromethane	ug/kg	ND	250	09/23/20 09:26	
Ethylbenzene	ug/kg	ND	250	09/23/20 09:26	
Hexachloro-1,3-butadiene	ug/kg	ND	250	09/23/20 09:26	
Isopropylbenzene (Cumene)	ug/kg	ND	250	09/23/20 09:26	
Methyl-tert-butyl ether	ug/kg	ND	250	09/23/20 09:26	
Methylene Chloride	ug/kg	ND	250	09/23/20 09:26	
n-Butylbenzene	ug/kg	ND	250	09/23/20 09:26	
n-Propylbenzene	ug/kg	ND	250	09/23/20 09:26	
Naphthalene	ug/kg	ND	500	09/23/20 09:26	
p-Isopropyltoluene	ug/kg	ND	250	09/23/20 09:26	
sec-Butylbenzene	ug/kg	ND	250	09/23/20 09:26	
Styrene	ug/kg	ND	250	09/23/20 09:26	
tert-Butylbenzene	ug/kg	ND	1250	09/23/20 09:26	
Tetrachloroethene	ug/kg	ND	250	09/23/20 09:26	
Toluene	ug/kg	ND	250	09/23/20 09:26	
trans-1,2-Dichloroethene	ug/kg	ND	250	09/23/20 09:26	
trans-1,3-Dichloropropene	ug/kg	ND	250	09/23/20 09:26	
Trichloroethene	ug/kg	ND	250	09/23/20 09:26	
Trichlorofluoromethane	ug/kg	ND	250	09/23/20 09:26	
Vinyl chloride	ug/kg	ND	250	09/23/20 09:26	
Xylene (Total)	ug/kg	ND	250	09/23/20 09:26	
1,2-Dichloroethane-d4 (S)	%	96	78-118	09/23/20 09:26	
4-Bromofluorobenzene (S)	%	98	83-119	09/23/20 09:26	
Toluene-d8 (S)	%	102	80-120	09/23/20 09:26	

LABORATORY CONTROL SAMPLE: 2742011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	5000	5420	108	80-119	
1,1,1-Trichloroethane	ug/kg	5000	5200	104	77-121	
1,1,2,2-Tetrachloroethane	ug/kg	5000	4930	99	74-116	
1,1,2-Trichloroethane	ug/kg	5000	5300	106	76-115	
1,1-Dichloroethane	ug/kg	5000	4640	93	77-120	
1,1-Dichloroethene	ug/kg	5000	5180	104	66-129	
1,1-Dichloropropene	ug/kg	5000	4620	92	79-121	
1,2,3-Trichlorobenzene	ug/kg	5000	5490	110	80-120	
1,2,3-Trichloropropane	ug/kg	5000	5060	101	74-118	
1,2,4-Trichlorobenzene	ug/kg	5000	5520	110	75-120	
1,2,4-Trimethylbenzene	ug/kg	5000	5370	107	77-116	
1,2-Dibromo-3-chloropropane	ug/kg	5000	4890	98	74-121	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	5000	5470	109	80-117	
1,2-Dichlorobenzene	ug/kg	5000	5340	107	48-146	
1,2-Dichloroethane	ug/kg	5000	4870	97	74-110	
1,2-Dichloroethene (Total)	ug/kg	10000	10600	106	79-120	
1,2-Dichloropropane	ug/kg	5000	5150	103	79-115	
1,3,5-Trimethylbenzene	ug/kg	5000	5380	108	76-115	
1,3-Dichlorobenzene	ug/kg	5000	5410	108	76-115	
1,3-Dichloropropane	ug/kg	5000	5270	105	75-111	
1,4-Dichlorobenzene	ug/kg	5000	5070	101	73-119	
2,2-Dichloropropane	ug/kg	5000	5100	102	76-121	
2-Butanone (MEK)	ug/kg	25000	24400	98	70-116	
2-Chlorotoluene	ug/kg	5000	5270	105	78-117	
2-Hexanone	ug/kg	25000	24900	100	71-117	
4-Chlorotoluene	ug/kg	5000	5350	107	77-115	
4-Methyl-2-pentanone (MIBK)	ug/kg	25000	25200	101	73-116	
Acetone	ug/kg	25000	22300	89	60-125	
Benzene	ug/kg	5000	5040	101	73-117	
Bromobenzene	ug/kg	5000	5320	106	79-115	
Bromochloromethane	ug/kg	5000	5430	109	76-116	
Bromodichloromethane	ug/kg	5000	5360	107	80-120	
Bromoform	ug/kg	5000	5750	115	77-127	
Bromomethane	ug/kg	5000	3560	71	29-165	
Carbon disulfide	ug/kg	5000	5810	116	54-133	
Carbon tetrachloride	ug/kg	5000	5580	112	78-126	
Chlorobenzene	ug/kg	5000	5360	107	63-130	
Chloroethane	ug/kg	5000	4580	92	31-170	
Chloroform	ug/kg	5000	5210	104	80-118	
Chloromethane	ug/kg	5000	2840	57	10-168	
cis-1,2-Dichloroethene	ug/kg	5000	5230	105	80-117	
cis-1,3-Dichloropropene	ug/kg	5000	5240	105	80-120	
Dibromochloromethane	ug/kg	5000	5780	116	78-122	
Dibromomethane	ug/kg	5000	5240	105	78-119	
Dichlorodifluoromethane	ug/kg	5000	1890	38	10-206	
Ethylbenzene	ug/kg	5000	5270	105	73-121	
Hexachloro-1,3-butadiene	ug/kg	5000	5610	112	75-129	
Isopropylbenzene (Cumene)	ug/kg	5000	5310	106	74-115	
Methyl-tert-butyl ether	ug/kg	5000	5050	101	73-129	
Methylene Chloride	ug/kg	5000	4850	97	70-128	
n-Butylbenzene	ug/kg	5000	5690	114	78-123	
n-Propylbenzene	ug/kg	5000	5390	108	77-120	
Naphthalene	ug/kg	5000	5540	111	76-120	
p-Isopropyltoluene	ug/kg	5000	4950	99	78-117	
sec-Butylbenzene	ug/kg	5000	5890	118	83-126	
Styrene	ug/kg	5000	5570	111	80-117	
tert-Butylbenzene	ug/kg	5000	5400	108	79-117	
Tetrachloroethene	ug/kg	5000	5610	112	72-122	
Toluene	ug/kg	5000	5230	105	77-119	

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Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	5000	5360	107	75-123	
trans-1,3-Dichloropropene	ug/kg	5000	5620	112	79-124	
Trichloroethene	ug/kg	5000	5400	108	82-128	
Trichlorofluoromethane	ug/kg	5000	5150	103	56-129	
Vinyl chloride	ug/kg	5000	3600	72	36-176	
Xylene (Total)	ug/kg	15000	16000	106	76-119	
1,2-Dichloroethane-d4 (S)	%			97	78-118	
4-Bromofluorobenzene (S)	%			97	83-119	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742012 2742013

Parameter	Units	60348422001 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/kg	ND	115000	115000	105000	115000	91	100	12-128	9	59	
1,1,1-Trichloroethane	ug/kg	ND	115000	115000	101000	109000	88	94	15-131	7	75	
1,1,2,2-Tetrachloroethane	ug/kg	ND	115000	115000	115000	133000	100	115	10-132	14	65	
1,1,2-Trichloroethane	ug/kg	ND	115000	115000	114000	124000	99	108	14-132	9	54	
1,1-Dichloroethane	ug/kg	ND	115000	115000	92100	118000	80	102	23-126	25	64	
1,1-Dichloroethene	ug/kg	ND	115000	115000	94900	104000	82	90	20-129	9	80	
1,1-Dichloropropene	ug/kg	ND	115000	115000	93300	97900	81	85	15-127	5	78	
1,2,3-Trichlorobenzene	ug/kg	ND	115000	115000	116000	126000	100	109	10-124	8	67	
1,2,3-Trichloropropane	ug/kg	ND	115000	115000	138000	153000	120	133	19-125	11	51	M1
1,2,4-Trichlorobenzene	ug/kg	ND	115000	115000	117000	127000	101	110	10-129	8	73	
1,2,4-Trimethylbenzene	ug/kg	ND	115000	115000	113000	122000	97	106	10-124	8	68	
1,2-Dibromo-3-chloropropane	ug/kg	ND	115000	115000	126000	141000	109	122	10-135	11	56	
1,2-Dibromoethane (EDB)	ug/kg	ND	115000	115000	118000	128000	102	111	23-123	8	50	
1,2-Dichlorobenzene	ug/kg	ND	115000	115000	113000	123000	98	107	10-126	8	60	
1,2-Dichloroethane	ug/kg	ND	115000	115000	96700	105000	84	91	27-116	9	45	
1,2-Dichloroethene (Total)	ug/kg	ND	231000	231000	207000	222000	90	96	20-127	7	64	
1,2-Dichloropropane	ug/kg	ND	115000	115000	101000	110000	87	96	21-125	9	57	
1,3,5-Trimethylbenzene	ug/kg	ND	115000	115000	113000	121000	98	105	10-125	7	65	
1,3-Dichlorobenzene	ug/kg	ND	115000	115000	115000	125000	99	108	10-126	8	63	
1,3-Dichloropropane	ug/kg	ND	115000	115000	112000	122000	97	106	24-114	8	51	
1,4-Dichlorobenzene	ug/kg	ND	115000	115000	107000	116000	93	101	10-126	8	62	
2,2-Dichloropropane	ug/kg	ND	115000	115000	100000	109000	87	94	17-124	8	70	
2-Butanone (MEK)	ug/kg	ND	575000	575000	617000	699000	106	120	29-120	12	50	
2-Chlorotoluene	ug/kg	ND	115000	115000	110000	120000	95	104	10-138	9	70	
2-Hexanone	ug/kg	ND	575000	575000	633000	718000	110	125	25-121	13	51	M1
4-Chlorotoluene	ug/kg	ND	115000	115000	112000	121000	97	105	10-112	7	62	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	575000	575000	587000	660000	102	115	23-131	12	50	
Acetone	ug/kg	ND	575000	575000	638000	685000	111	119	15-129	7	49	
Benzene	ug/kg	ND	115000	115000	98800	106000	85	92	17-134	7	53	
Bromobenzene	ug/kg	ND	115000	115000	115000	125000	100	108	10-129	8	63	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742012 2742013

Parameter	Units	60348422001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/kg	ND	115000	115000	105000	114000	91	99	28-118	9	53	
Bromodichloromethane	ug/kg	ND	115000	115000	99800	109000	87	94	21-126	8	59	
Bromoform	ug/kg	ND	115000	115000	111000	122000	97	105	14-127	9	60	
Bromomethane	ug/kg	ND	115000	115000	24500	28900	20	24	10-121	16	67	
Carbon disulfide	ug/kg	ND	115000	115000	100000	106000	87	92	10-122	6	78	
Carbon tetrachloride	ug/kg	ND	115000	115000	101000	108000	88	94	10-134	7	82	
Chlorobenzene	ug/kg	ND	115000	115000	111000	120000	96	104	10-126	8	60	
Chloroethane	ug/kg	ND	115000	115000	21500	23800	19	21	10-133	10	79	
Chloroform	ug/kg	ND	115000	115000	103000	112000	89	97	24-126	9	60	
Chloromethane	ug/kg	ND	115000	115000	37200	39300	32	34	10-125	6	78	
cis-1,2-Dichloroethene	ug/kg	ND	115000	115000	103000	111000	89	96	18-131	8	62	
cis-1,3-Dichloropropene	ug/kg	ND	115000	115000	101000	110000	88	95	24-117	8	60	
Dibromochloromethane	ug/kg	ND	115000	115000	111000	122000	96	106	22-117	9	59	
Dibromomethane	ug/kg	ND	115000	115000	107000	115000	93	100	29-118	7	52	
Dichlorodifluoromethane	ug/kg	ND	115000	115000	16100	16400	14	14	10-161	2	84	
Ethylbenzene	ug/kg	ND	115000	115000	110000	120000	95	104	10-137	9	60	
Hexachloro-1,3-butadiene	ug/kg	ND	115000	115000	108000	115000	94	100	10-124	6	76	
Isopropylbenzene (Cumene)	ug/kg	ND	115000	115000	111000	120000	96	104	10-123	8	72	
Methyl-tert-butyl ether	ug/kg	ND	115000	115000	99000	108000	86	93	31-126	8	42	
Methylene Chloride	ug/kg	ND	115000	115000	95200	102000	82	89	23-117	7	59	
n-Butylbenzene	ug/kg	ND	115000	115000	123000	132000	106	115	10-130	8	78	
n-Propylbenzene	ug/kg	ND	115000	115000	159000	174000	138	151	10-121	9	70	M1
Naphthalene	ug/kg	ND	115000	115000	132000	146000	114	126	10-131	10	63	
p-Isopropyltoluene	ug/kg	ND	115000	115000	106000	114000	92	98	10-127	7	76	
sec-Butylbenzene	ug/kg	ND	115000	115000	127000	135000	110	117	10-137	6	81	
Styrene	ug/kg	ND	115000	115000	113000	123000	98	107	10-119	8	56	
tert-Butylbenzene	ug/kg	ND	115000	115000	116000	124000	100	108	10-121	7	80	
Tetrachloroethene	ug/kg	ND	115000	115000	119000	127000	103	110	10-131	7	78	
Toluene	ug/kg	ND	115000	115000	109000	118000	94	102	13-131	8	60	
trans-1,2-Dichloroethene	ug/kg	ND	115000	115000	104000	110000	90	96	22-125	6	70	
trans-1,3-Dichloropropene	ug/kg	ND	115000	115000	113000	125000	98	108	20-122	10	54	
Trichloroethene	ug/kg	ND	115000	115000	110000	118000	95	103	14-144	8	69	
Trichlorofluoromethane	ug/kg	ND	115000	115000	95000	96400	82	84	10-134	1	86	
Vinyl chloride	ug/kg	ND	115000	115000	44200	45500	38	39	10-141	3	81	
Xylene (Total)	ug/kg	ND	346000	346000	329000	353000	95	102	10-137	7	58	
1,2-Dichloroethane-d4 (S)	%						95	95	78-118			
4-Bromofluorobenzene (S)	%						100	99	83-119			
Toluene-d8 (S)	%						104	104	80-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678719
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895004

METHOD BLANK: 2744282
Matrix: Solid
Associated Lab Samples: 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Naphthalene	ug/kg	ND	500	09/24/20 12:50	
1,2-Dichloroethane-d4 (S)	%	97	78-118	09/24/20 12:50	
4-Bromofluorobenzene (S)	%	98	83-119	09/24/20 12:50	
Toluene-d8 (S)	%	102	80-120	09/24/20 12:50	

LABORATORY CONTROL SAMPLE: 2744283

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	5000	5270	105	76-120	
1,2-Dichloroethane-d4 (S)	%			98	78-118	
4-Bromofluorobenzene (S)	%			96	83-119	
Toluene-d8 (S)	%			101	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678194
QC Batch Method: EPA 5035/5030
Analysis Method: EPA 5035A/8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895003

METHOD BLANK: 2742582
Matrix: Solid
Associated Lab Samples: 60348895003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	25.0	09/22/20 21:51	
1,2-Dichloroethane-d4 (S)	%	96	78-118	09/22/20 21:51	
4-Bromofluorobenzene (S)	%	97	85-115	09/22/20 21:51	
Toluene-d8 (S)	%	103	80-120	09/22/20 21:51	

LABORATORY CONTROL SAMPLE: 2742583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	200	149	74	55-162	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742584 2742585

Parameter	Units	60348501001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane-d4 (S)	%						97	99	78-118			
4-Bromofluorobenzene (S)	%						98	98	85-115			
Toluene-d8 (S)	%						100	101	80-120			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678368
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001, 60348895005

METHOD BLANK: 2743050
Matrix: Water
Associated Lab Samples: 60348895001, 60348895005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
1,1-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/24/20 02:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethane	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/24/20 02:00	
1,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
1,3-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
2,2-Dichloropropane	ug/L	ND	1.0	09/24/20 02:00	
2-Butanone (MEK)	ug/L	ND	10.0	09/24/20 02:00	
2-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
2-Hexanone	ug/L	ND	10.0	09/24/20 02:00	
4-Chlorotoluene	ug/L	ND	1.0	09/24/20 02:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/24/20 02:00	
Acetone	ug/L	ND	10.0	09/24/20 02:00	
Benzene	ug/L	ND	1.0	09/24/20 02:00	
Bromobenzene	ug/L	ND	1.0	09/24/20 02:00	
Bromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromodichloromethane	ug/L	ND	1.0	09/24/20 02:00	
Bromoform	ug/L	ND	1.0	09/24/20 02:00	
Bromomethane	ug/L	ND	5.0	09/24/20 02:00	
Carbon disulfide	ug/L	ND	5.0	09/24/20 02:00	
Carbon tetrachloride	ug/L	ND	1.0	09/24/20 02:00	
Chlorobenzene	ug/L	ND	1.0	09/24/20 02:00	
Chloroethane	ug/L	ND	1.0	09/24/20 02:00	
Chloroform	ug/L	ND	1.0	09/24/20 02:00	
Chloromethane	ug/L	ND	1.0	09/24/20 02:00	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2743050 Matrix: Water
Associated Lab Samples: 60348895001, 60348895005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Dibromochloromethane	ug/L	ND	1.0	09/24/20 02:00	
Dibromomethane	ug/L	ND	1.0	09/24/20 02:00	
Dichlorodifluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Ethylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/24/20 02:00	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/24/20 02:00	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/24/20 02:00	
Methylene Chloride	ug/L	ND	1.0	09/24/20 02:00	
n-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
n-Propylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Naphthalene	ug/L	ND	10.0	09/24/20 02:00	
p-Isopropyltoluene	ug/L	ND	1.0	09/24/20 02:00	
sec-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Styrene	ug/L	ND	1.0	09/24/20 02:00	
tert-Butylbenzene	ug/L	ND	1.0	09/24/20 02:00	
Tetrachloroethene	ug/L	ND	1.0	09/24/20 02:00	
Toluene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/24/20 02:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/24/20 02:00	
Trichloroethene	ug/L	ND	1.0	09/24/20 02:00	
Trichlorofluoromethane	ug/L	ND	1.0	09/24/20 02:00	
Vinyl chloride	ug/L	ND	1.0	09/24/20 02:00	
Xylene (Total)	ug/L	ND	3.0	09/24/20 02:00	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/24/20 02:00	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 02:00	
Toluene-d8 (S)	%	105	80-120	09/24/20 02:00	

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.1	85	85-118	
1,1,1-Trichloroethane	ug/L	20	17.3	87	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.3	86	78-118	
1,1,2-Trichloroethane	ug/L	20	19.8	99	82-117	
1,1-Dichloroethane	ug/L	20	18.6	93	85-120	
1,1-Dichloroethene	ug/L	20	21.1	106	81-124	
1,1-Dichloropropene	ug/L	20	16.5	82	71-119	
1,2,3-Trichlorobenzene	ug/L	20	18.5	92	76-120	
1,2,3-Trichloropropane	ug/L	20	21.0	105	78-123	
1,2,4-Trichlorobenzene	ug/L	20	17.5	87	77-117	
1,2,4-Trimethylbenzene	ug/L	20	19.8	99	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	14.0	70	68-125	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	83-120	
1,2-Dichlorobenzene	ug/L	20	20.6	103	80-120	
1,2-Dichloroethane	ug/L	20	19.0	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	37.3	93	84-118	
1,2-Dichloropropane	ug/L	20	18.3	92	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.3	101	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	101	80-120	
1,3-Dichloropropane	ug/L	20	19.6	98	85-120	
1,4-Dichlorobenzene	ug/L	20	19.5	97	84-115	
2,2-Dichloropropane	ug/L	20	14.0	70	60-129	
2-Butanone (MEK)	ug/L	100	97.7	98	70-125	
2-Chlorotoluene	ug/L	20	19.8	99	84-115	
2-Hexanone	ug/L	100	103	103	76-126	
4-Chlorotoluene	ug/L	20	19.5	98	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	73-131	
Acetone	ug/L	100	110	110	59-135	
Benzene	ug/L	20	19.1	96	82-115	
Bromobenzene	ug/L	20	20.0	100	84-115	
Bromochloromethane	ug/L	20	21.1	105	85-125	
Bromodichloromethane	ug/L	20	16.5	83	82-123	
Bromoform	ug/L	20	14.0	70	66-133	
Bromomethane	ug/L	20	17.6	88	27-179	
Carbon disulfide	ug/L	20	24.0	120	72-134	
Carbon tetrachloride	ug/L	20	16.8	84	80-121	
Chlorobenzene	ug/L	20	20.1	101	80-120	
Chloroethane	ug/L	20	21.4	107	78-145	
Chloroform	ug/L	20	18.4	92	84-116	
Chloromethane	ug/L	20	15.1	76	48-160	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	85-115	
cis-1,3-Dichloropropene	ug/L	20	16.7	83	85-117	L2
Dibromochloromethane	ug/L	20	16.3	82	82-122	
Dibromomethane	ug/L	20	19.5	98	81-122	
Dichlorodifluoromethane	ug/L	20	9.6	48	50-173	L2
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	18.4	92	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	84-117	
Methyl-tert-butyl ether	ug/L	20	19.9	100	77-126	
Methylene Chloride	ug/L	20	23.4	117	80-126	
n-Butylbenzene	ug/L	20	20.2	101	81-120	
n-Propylbenzene	ug/L	20	20.1	100	80-116	
Naphthalene	ug/L	20	17.6	88	73-126	
p-Isopropyltoluene	ug/L	20	18.8	94	74-121	
sec-Butylbenzene	ug/L	20	22.6	113	75-130	
Styrene	ug/L	20	21.0	105	80-117	
tert-Butylbenzene	ug/L	20	20.1	100	84-116	
Tetrachloroethene	ug/L	20	19.6	98	83-119	
Toluene	ug/L	20	19.7	98	83-115	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2743051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	18.7	94	80-124	
trans-1,3-Dichloropropene	ug/L	20	17.5	87	83-117	
Trichloroethene	ug/L	20	20.6	103	80-118	
Trichlorofluoromethane	ug/L	20	22.5	112	83-133	
Vinyl chloride	ug/L	20	19.0	95	76-144	
Xylene (Total)	ug/L	60	61.2	102	82-120	
1,2-Dichloroethane-d4 (S)	%			101	86-117	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678743
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348895001

METHOD BLANK: 2744378
Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	09/24/20 13:59	
1,2-Dichloroethane-d4 (S)	%	100	86-117	09/24/20 13:59	
4-Bromofluorobenzene (S)	%	101	80-120	09/24/20 13:59	
Toluene-d8 (S)	%	101	80-120	09/24/20 13:59	

LABORATORY CONTROL SAMPLE: 2744379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	20	21.7	109	80-117	
1,2-Dichloroethane-d4 (S)	%			102	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 679026
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV MO GRO Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2745449
Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 12:55	
1,2-Dichloroethane-d4 (S)	%	96	86-117	09/25/20 12:55	
4-Bromofluorobenzene (S)	%	97	80-120	09/25/20 12:55	
Toluene-d8 (S)	%	102	80-120	09/25/20 12:55	

LABORATORY CONTROL SAMPLE: 2745450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3070	77	55-125	
1,2-Dichloroethane-d4 (S)	%			98	86-117	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			101	80-120	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678110
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002

METHOD BLANK: 2742244 Matrix: Solid
Associated Lab Samples: 60348895002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/22/20 09:22	
1,2-Dichloroethane-d4 (S)	%	99	80-123	09/22/20 09:22	
4-Bromofluorobenzene (S)	%	99	69-133	09/22/20 09:22	
Toluene-d8 (S)	%	101	78-122	09/22/20 09:22	

LABORATORY CONTROL SAMPLE: 2742245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.3	83	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			102	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742246 2742247

Parameter	Units	60348931001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane-d4 (S)	%						106	75	80-123			IO,S0
4-Bromofluorobenzene (S)	%						98	121	69-133			
Toluene-d8 (S)	%						100	118	78-122			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678414
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV GRO and Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895004

METHOD BLANK: 2743160
Matrix: Solid
Associated Lab Samples: 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/23/20 12:03	
1,2-Dichloroethane-d4 (S)	%	98	80-123	09/23/20 12:03	
4-Bromofluorobenzene (S)	%	100	69-133	09/23/20 12:03	
Toluene-d8 (S)	%	103	78-122	09/23/20 12:03	

LABORATORY CONTROL SAMPLE: 2743161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.2	80	61-140	
1,2-Dichloroethane-d4 (S)	%			98	80-123	
4-Bromofluorobenzene (S)	%			101	69-133	
Toluene-d8 (S)	%			102	78-122	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678177
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2742474 Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.2	09/23/20 14:14	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.2	09/23/20 14:14	
Decachlorobiphenyl (S)	%	88	28-143	09/23/20 14:14	

LABORATORY CONTROL SAMPLE: 2742475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	110	68	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	163	112	69	56-128	
Decachlorobiphenyl (S)	%			65	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2742476 2742477

Parameter	Units	60348887001 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	194	196	167	165	86	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	194	196	162	162	84	83	30-141	0	40	
Decachlorobiphenyl (S)	%						79	78	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678318
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2742801
Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	09/24/20 12:03	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	09/24/20 12:03	
Decachlorobiphenyl (S)	%	84	30-136	09/24/20 12:03	

LABORATORY CONTROL SAMPLE: 2742802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.8	76	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	93	64-123	
Decachlorobiphenyl (S)	%			88	30-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678954
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,2-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,3-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
1,4-Dichlorobenzene	ug/kg	ND	327	09/29/20 12:55	
2,4,5-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Trichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dichlorophenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dimethylphenol	ug/kg	ND	327	09/29/20 12:55	
2,4-Dinitrophenol	ug/kg	ND	1660	09/29/20 12:55	
2,4-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2,6-Dinitrotoluene	ug/kg	ND	327	09/29/20 12:55	
2-Chloronaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Chlorophenol	ug/kg	ND	327	09/29/20 12:55	
2-Methylnaphthalene	ug/kg	ND	327	09/29/20 12:55	
2-Methylphenol(o-Cresol)	ug/kg	ND	327	09/29/20 12:55	
2-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
2-Nitrophenol	ug/kg	ND	327	09/29/20 12:55	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	327	09/29/20 12:55	
3,3'-Dichlorobenzidine	ug/kg	ND	654	09/29/20 12:55	
3-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1660	09/29/20 12:55	
4-Bromophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Chloro-3-methylphenol	ug/kg	ND	654	09/29/20 12:55	
4-Chloroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Chlorophenylphenyl ether	ug/kg	ND	327	09/29/20 12:55	
4-Nitroaniline	ug/kg	ND	654	09/29/20 12:55	
4-Nitrophenol	ug/kg	ND	1660	09/29/20 12:55	
Acenaphthene	ug/kg	ND	327	09/29/20 12:55	
Acenaphthylene	ug/kg	ND	327	09/29/20 12:55	
Anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)anthracene	ug/kg	ND	327	09/29/20 12:55	
Benzo(a)pyrene	ug/kg	ND	327	09/29/20 12:55	
Benzo(b)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzo(g,h,i)perylene	ug/kg	ND	327	09/29/20 12:55	
Benzo(k)fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Benzoic Acid	ug/kg	ND	1660	09/29/20 12:55	
Benzyl alcohol	ug/kg	ND	654	09/29/20 12:55	
bis(2-Chloroethoxy)methane	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroethyl) ether	ug/kg	ND	327	09/29/20 12:55	
bis(2-Chloroisopropyl) ether	ug/kg	ND	327	09/29/20 12:55	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	327	09/29/20 12:55	
Butylbenzylphthalate	ug/kg	ND	327	09/29/20 12:55	
Carbazole	ug/kg	ND	327	09/29/20 12:55	
Chrysene	ug/kg	ND	327	09/29/20 12:55	
Di-n-butylphthalate	ug/kg	ND	327	09/29/20 12:55	
Di-n-octylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dibenz(a,h)anthracene	ug/kg	ND	327	09/29/20 12:55	
Dibenzofuran	ug/kg	ND	327	09/29/20 12:55	
Diethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Dimethylphthalate	ug/kg	ND	327	09/29/20 12:55	
Fluoranthene	ug/kg	ND	327	09/29/20 12:55	
Fluorene	ug/kg	ND	327	09/29/20 12:55	
Hexachloro-1,3-butadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorobenzene	ug/kg	ND	327	09/29/20 12:55	
Hexachlorocyclopentadiene	ug/kg	ND	327	09/29/20 12:55	
Hexachloroethane	ug/kg	ND	327	09/29/20 12:55	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	327	09/29/20 12:55	
Isophorone	ug/kg	ND	327	09/29/20 12:55	
N-Nitroso-di-n-propylamine	ug/kg	ND	327	09/29/20 12:55	
N-Nitrosodiphenylamine	ug/kg	ND	327	09/29/20 12:55	
Naphthalene	ug/kg	ND	327	09/29/20 12:55	
Nitrobenzene	ug/kg	ND	327	09/29/20 12:55	
Pentachlorophenol	ug/kg	ND	1660	09/29/20 12:55	
Phenanthrene	ug/kg	ND	327	09/29/20 12:55	
Phenol	ug/kg	ND	327	09/29/20 12:55	
Pyrene	ug/kg	ND	327	09/29/20 12:55	
Pyridine	ug/kg	ND	327	09/29/20 12:55	
2,4,6-Tribromophenol (S)	%	78	41-108	09/29/20 12:55	
2-Fluorobiphenyl (S)	%	90	39-136	09/29/20 12:55	
2-Fluorophenol (S)	%	77	43-96	09/29/20 12:55	
Nitrobenzene-d5 (S)	%	86	33-132	09/29/20 12:55	
Phenol-d6 (S)	%	81	43-95	09/29/20 12:55	
Terphenyl-d14 (S)	%	93	29-131	09/29/20 12:55	

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1590	1270	80	52-104	
1,2-Dichlorobenzene	ug/kg	1590	1220	77	51-99	
1,3-Dichlorobenzene	ug/kg	1590	1200	75	48-102	
1,4-Dichlorobenzene	ug/kg	1590	1220	77	49-101	
2,4,5-Trichlorophenol	ug/kg	1590	1420	89	58-109	
2,4,6-Trichlorophenol	ug/kg	1590	1380	87	56-109	
2,4-Dichlorophenol	ug/kg	1590	1290	81	54-106	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1590	941	59	49-104	
2,4-Dinitrophenol	ug/kg	1590	1060J	67	26-119	
2,4-Dinitrotoluene	ug/kg	1590	1390	88	60-109	
2,6-Dinitrotoluene	ug/kg	1590	1380	87	59-109	
2-Chloronaphthalene	ug/kg	1590	1330	84	56-104	
2-Chlorophenol	ug/kg	1590	1260	80	56-98	
2-Methylnaphthalene	ug/kg	1590	1340	84	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1590	1240	78	52-102	
2-Nitroaniline	ug/kg	1590	1350	85	54-113	
2-Nitrophenol	ug/kg	1590	1260	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1590	1190	75	52-102	
3,3'-Dichlorobenzidine	ug/kg	1590	625J	39	19-126	
3-Nitroaniline	ug/kg	1590	792	50	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1590	1100J	69	37-117	
4-Bromophenylphenyl ether	ug/kg	1590	1330	84	60-106	
4-Chloro-3-methylphenol	ug/kg	1590	1350	85	55-107	
4-Chloroaniline	ug/kg	1590	472J	30	10-116	
4-Chlorophenylphenyl ether	ug/kg	1590	1350	85	56-107	
4-Nitroaniline	ug/kg	1590	1180	75	52-113	
4-Nitrophenol	ug/kg	1590	1380J	87	53-114	
Acenaphthene	ug/kg	1590	1400	88	55-105	
Acenaphthylene	ug/kg	1590	1440	90	57-105	
Anthracene	ug/kg	1590	1310	83	59-106	
Benzo(a)anthracene	ug/kg	1590	1350	85	59-109	
Benzo(a)pyrene	ug/kg	1590	1310	83	59-109	
Benzo(b)fluoranthene	ug/kg	1590	1360	85	56-112	
Benzo(g,h,i)perylene	ug/kg	1590	1360	86	57-109	
Benzo(k)fluoranthene	ug/kg	1590	1380	87	57-107	
Benzoic Acid	ug/kg	1590	1960	123	10-96	L1
Benzyl alcohol	ug/kg	1590	1260	79	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1590	1260	80	52-102	
bis(2-Chloroethyl) ether	ug/kg	1590	1240	78	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1590	1260	80	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1590	1400	88	61-113	
Butylbenzylphthalate	ug/kg	1590	1360	85	62-110	
Carbazole	ug/kg	1590	1350	85	60-106	
Chrysene	ug/kg	1590	1390	88	58-108	
Di-n-butylphthalate	ug/kg	1590	1370	86	61-110	
Di-n-octylphthalate	ug/kg	1590	1450	91	58-114	
Dibenz(a,h)anthracene	ug/kg	1590	1420	90	57-109	
Dibenzofuran	ug/kg	1590	1390	87	56-106	
Diethylphthalate	ug/kg	1590	1370	86	57-107	
Dimethylphthalate	ug/kg	1590	1380	87	55-106	
Fluoranthene	ug/kg	1590	1310	82	60-109	
Fluorene	ug/kg	1590	1350	85	56-107	
Hexachloro-1,3-butadiene	ug/kg	1590	1300	82	50-106	
Hexachlorobenzene	ug/kg	1590	1290	81	56-107	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2745192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1590	1290	81	18-118	
Hexachloroethane	ug/kg	1590	1160	73	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1590	1410	89	58-108	
Isophorone	ug/kg	1590	1300	82	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1590	1200	76	50-101	
N-Nitrosodiphenylamine	ug/kg	1590	1340	84	58-107	
Naphthalene	ug/kg	1590	1280	80	51-103	
Nitrobenzene	ug/kg	1590	1290	81	51-104	
Pentachlorophenol	ug/kg	1590	887J	56	43-123	
Phenanthrene	ug/kg	1590	1340	84	58-106	
Phenol	ug/kg	1590	1260	79	53-101	
Pyrene	ug/kg	1590	1390	88	60-108	
Pyridine	ug/kg	1590	802	51	33-72	
2,4,6-Tribromophenol (S)	%			83	41-108	
2-Fluorobiphenyl (S)	%			87	39-136	
2-Fluorophenol (S)	%			75	43-96	
Nitrobenzene-d5 (S)	%			83	33-132	
Phenol-d6 (S)	%			75	43-95	
Terphenyl-d14 (S)	%			90	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2040	2000	1550	1600	76	80	42-102	3	26	
1,2-Dichlorobenzene	ug/kg	ND	2040	2000	1560	1540	77	77	45-96	1	31	
1,3-Dichlorobenzene	ug/kg	ND	2040	2000	1490	1510	73	75	44-95	1	31	
1,4-Dichlorobenzene	ug/kg	ND	2040	2000	1510	1520	74	76	45-95	1	30	
2,4,5-Trichlorophenol	ug/kg	ND	2040	2000	1650	1720	81	86	47-109	4	31	
2,4,6-Trichlorophenol	ug/kg	ND	2040	2000	1670	1720	82	86	14-133	3	31	
2,4-Dichlorophenol	ug/kg	ND	2040	2000	1630	1670	80	83	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	2040	2000	1670	1700	82	85	22-113	2	32	
2,4-Dinitrophenol	ug/kg	ND	2040	2000	745J	842J	37	42	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	2040	2000	1620	1720	80	86	10-133	6	32	
2,6-Dinitrotoluene	ug/kg	ND	2040	2000	1650	1730	81	86	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	2040	2000	1620	1690	80	85	47-105	4	28	
2-Chlorophenol	ug/kg	ND	2040	2000	1600	1650	78	83	44-100	3	31	
2-Methylnaphthalene	ug/kg	ND	2040	2000	1640	1680	81	84	43-104	2	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	2040	2000	1620	1610	80	80	37-105	1	32	
2-Nitroaniline	ug/kg	ND	2040	2000	1720	1740	84	87	44-117	1	28	
2-Nitrophenol	ug/kg	ND	2040	2000	1620	1670	80	83	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2040	2000	1640	1620	81	81	35-108	1	30	
3,3'-Dichlorobenzidine	ug/kg	ND	2040	2000	287J	525J	14	26	10-133		39	
3-Nitroaniline	ug/kg	ND	2040	2000	1340	1440	66	72	10-124	7	27	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,6-Dinitro-2-methylphenol	ug/kg	ND	2040	2000	1240J	1310J	61	65	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	2040	2000	1750	1740	86	87	47-109	0	33	
4-Chloro-3-methylphenol	ug/kg	ND	2040	2000	1700	1700	83	85	42-109	0	30	
4-Chloroaniline	ug/kg	ND	2040	2000	826	815	41	41	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	2040	2000	1640	1680	81	84	46-106	3	33	
4-Nitroaniline	ug/kg	ND	2040	2000	1140	1220	56	61	11-126	7	47	
4-Nitrophenol	ug/kg	ND	2040	2000	1640J	1820J	81	91	18-130		35	
Acenaphthene	ug/kg	ND	2040	2000	1690	1730	83	87	44-104	3	23	
Acenaphthylene	ug/kg	ND	2040	2000	1710	1800	84	90	47-102	5	29	
Anthracene	ug/kg	ND	2040	2000	1710	1740	84	87	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	2040	2000	1700	1710	83	85	10-139	0	32	
Benzo(a)pyrene	ug/kg	ND	2040	2000	1640	1710	80	85	12-132	4	33	
Benzo(b)fluoranthene	ug/kg	ND	2040	2000	1590	1720	78	86	12-136	8	37	
Benzo(g,h,i)perylene	ug/kg	ND	2040	2000	1490	1710	73	85	22-119	14	41	
Benzo(k)fluoranthene	ug/kg	ND	2040	2000	1700	1750	83	87	32-113	3	32	
Benzoic Acid	ug/kg	ND	2040	2000	1470J	1440J	72	72	10-101		35	
Benzyl alcohol	ug/kg	ND	2040	2000	1610	1630	79	81	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	2040	2000	1590	1630	78	81	41-100	2	29	
bis(2-Chloroethyl) ether	ug/kg	ND	2040	2000	1590	1620	78	81	46-100	2	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	2040	2000	1630	1560	80	78	40-99	4	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2040	2000	1740	1800	85	90	24-141	3	33	
Butylbenzylphthalate	ug/kg	ND	2040	2000	1730	1730	85	87	41-131	0	33	
Carbazole	ug/kg	ND	2040	2000	1700	1690	84	85	41-107	0	30	
Chrysene	ug/kg	ND	2040	2000	1730	1740	85	87	10-137	1	31	
Di-n-butylphthalate	ug/kg	ND	2040	2000	1760	1800	87	90	41-118	2	31	
Di-n-octylphthalate	ug/kg	ND	2040	2000	1740	1840	85	92	40-138	6	29	
Dibenz(a,h)anthracene	ug/kg	ND	2040	2000	1510	1740	74	87	23-122	14	35	
Dibenzofuran	ug/kg	ND	2040	2000	1640	1710	81	85	49-101	4	28	
Diethylphthalate	ug/kg	ND	2040	2000	1680	1710	82	85	42-107	2	31	
Dimethylphthalate	ug/kg	ND	2040	2000	1660	1710	82	86	37-108	3	30	
Fluoranthene	ug/kg	ND	2040	2000	1770	1710	87	85	10-139	3	32	
Fluorene	ug/kg	ND	2040	2000	1610	1700	79	85	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	2040	2000	1600	1620	79	81	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	2040	2000	1760	1740	87	87	46-105	1	31	
Hexachlorocyclopentadiene	ug/kg	ND	2040	2000	1090	1210	54	60	10-111	10	61	
Hexachloroethane	ug/kg	ND	2040	2000	1530	1520	75	76	11-119	0	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2040	2000	1480	1750	72	87	21-120	17	38	
Isophorone	ug/kg	ND	2040	2000	1630	1650	80	82	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	2040	2000	1610	1590	79	79	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	2040	2000	1520	1650	75	82	41-108	8	36	
Naphthalene	ug/kg	ND	2040	2000	1600	1600	78	80	40-105	0	31	
Nitrobenzene	ug/kg	ND	2040	2000	1640	1630	80	82	35-106	0	29	
Pentachlorophenol	ug/kg	ND	2040	2000	1570J	1590J	77	80	10-144		35	
Phenanthrene	ug/kg	ND	2040	2000	1690	1740	83	86	43-108	3	29	
Phenol	ug/kg	ND	2040	2000	1610	1630	79	81	38-102	1	29	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745193 2745194

Parameter	Units	60348880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pyrene	ug/kg	ND	2040	2000	1780	1730	87	86	10-147	3	38	
Pyridine	ug/kg	ND	2040	2000	893	910	44	46	10-79	2	35	
2,4,6-Tribromophenol (S)	%						79	84	41-108			
2-Fluorobiphenyl (S)	%						81	83	39-136			
2-Fluorophenol (S)	%						73	75	43-96			
Nitrobenzene-d5 (S)	%						83	82	33-132			
Phenol-d6 (S)	%						74	74	43-95			
Terphenyl-d14 (S)	%						90	87	29-131			

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678956
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2745200 Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.9	09/28/20 22:14	
TPH-ORO	mg/kg	ND	14.9	09/28/20 22:14	
2-Fluorobiphenyl (S)	%	88	39-136	09/28/20 22:14	
Nitrobenzene-d5 (S)	%	79	33-132	09/28/20 22:14	
Terphenyl-d14 (S)	%	88	29-131	09/28/20 22:14	

LABORATORY CONTROL SAMPLE: 2745201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	328	249	76	39-122	
TPH-ORO	mg/kg		12.7J			
2-Fluorobiphenyl (S)	%			87	39-136	
Nitrobenzene-d5 (S)	%			82	33-132	
Terphenyl-d14 (S)	%			86	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745202 2745203

Parameter	Units	60348880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO	mg/kg	ND	424	406	313	312	74	77	12-137	0	38	
TPH-ORO	mg/kg	ND			17.9J	19.8					51	
2-Fluorobiphenyl (S)	%						80	83	39-136			
Nitrobenzene-d5 (S)	%						76	81	33-132			
Terphenyl-d14 (S)	%						78	82	29-131			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678084
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2742157 Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/24/20 04:00	
TPH-ORO	mg/L	ND	1.0	09/24/20 04:00	
2-Fluorobiphenyl (S)	%	39	29-108	09/24/20 04:00	
Nitrobenzene-d5 (S)	%	36	27-106	09/24/20 04:00	
Terphenyl-d14 (S)	%	39	34-129	09/24/20 04:00	

LABORATORY CONTROL SAMPLE: 2742158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	40.9	41	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			36	27-106	
Terphenyl-d14 (S)	%			50	34-129	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678083
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895001

METHOD BLANK: 2742155
Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dichlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dimethylphenol	ug/L	ND	10.0	09/24/20 16:50	
2,4-Dinitrophenol	ug/L	ND	50.0	09/24/20 16:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/24/20 16:50	
2-Chloronaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Chlorophenol	ug/L	ND	10.0	09/24/20 16:50	
2-Methylnaphthalene	ug/L	ND	10.0	09/24/20 16:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/24/20 16:50	
2-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
2-Nitrophenol	ug/L	ND	10.0	09/24/20 16:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/24/20 16:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/24/20 16:50	
3-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/24/20 16:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/24/20 16:50	
4-Chloroaniline	ug/L	ND	20.0	09/24/20 16:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/24/20 16:50	
4-Nitroaniline	ug/L	ND	50.0	09/24/20 16:50	
4-Nitrophenol	ug/L	ND	50.0	09/24/20 16:50	
Acenaphthene	ug/L	ND	10.0	09/24/20 16:50	
Acenaphthylene	ug/L	ND	10.0	09/24/20 16:50	
Anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(a)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/24/20 16:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Benzoic Acid	ug/L	ND	50.0	09/24/20 16:50	
Benzyl alcohol	ug/L	ND	20.0	09/24/20 16:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/24/20 16:50	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/24/20 16:50	

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QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

METHOD BLANK: 2742155 Matrix: Water
Associated Lab Samples: 60348895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/24/20 16:50	
Butylbenzylphthalate	ug/L	ND	20.0	09/24/20 16:50	
Carbazole	ug/L	ND	10.0	09/24/20 16:50	
Chrysene	ug/L	ND	10.0	09/24/20 16:50	
Di-n-butylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Di-n-octylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/24/20 16:50	
Dibenzofuran	ug/L	ND	10.0	09/24/20 16:50	
Diethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Dimethylphthalate	ug/L	ND	10.0	09/24/20 16:50	
Fluoranthene	ug/L	ND	10.0	09/24/20 16:50	
Fluorene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorobenzene	ug/L	ND	10.0	09/24/20 16:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/24/20 16:50	
Hexachloroethane	ug/L	ND	10.0	09/24/20 16:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/24/20 16:50	
Isophorone	ug/L	ND	10.0	09/24/20 16:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/24/20 16:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/24/20 16:50	
Naphthalene	ug/L	ND	10.0	09/24/20 16:50	
Nitrobenzene	ug/L	ND	10.0	09/24/20 16:50	
Pentachlorophenol	ug/L	ND	50.0	09/24/20 16:50	
Phenanthrene	ug/L	ND	10.0	09/24/20 16:50	
Phenol	ug/L	ND	10.0	09/24/20 16:50	
Pyrene	ug/L	ND	10.0	09/24/20 16:50	
Pyridine	ug/L	ND	10.0	09/24/20 16:50	
2,4,6-Tribromophenol (S)	%	75	16-114	09/24/20 16:50	
2-Fluorobiphenyl (S)	%	61	29-108	09/24/20 16:50	
2-Fluorophenol (S)	%	45	11-64	09/24/20 16:50	
Nitrobenzene-d5 (S)	%	74	27-106	09/24/20 16:50	
Phenol-d6 (S)	%	28	10-44	09/24/20 16:50	
Terphenyl-d14 (S)	%	94	34-129	09/24/20 16:50	

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	18.9	38	22-109	
1,2-Dichlorobenzene	ug/L	50	19.0	38	18-107	
1,3-Dichlorobenzene	ug/L	50	17.7	35	16-105	
1,4-Dichlorobenzene	ug/L	50	18.1	36	17-105	
2,4,5-Trichlorophenol	ug/L	50	36.1J	72	25-126	
2,4,6-Trichlorophenol	ug/L	50	35.6	71	23-124	
2,4-Dichlorophenol	ug/L	50	35.8	72	26-116	

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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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	37.9	76	36-98	
2,4-Dinitrophenol	ug/L	50	35.9J	72	11-138	
2,4-Dinitrotoluene	ug/L	50	38.4	77	30-127	
2,6-Dinitrotoluene	ug/L	50	37.4	75	30-125	
2-Chloronaphthalene	ug/L	50	24.5	49	28-115	
2-Chlorophenol	ug/L	50	34.3	69	25-107	
2-Methylnaphthalene	ug/L	50	23.6	47	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	30-94	
2-Nitroaniline	ug/L	50	36.3J	73	29-126	
2-Nitrophenol	ug/L	50	34.9	70	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.1	56	26-89	
3,3'-Dichlorobenzidine	ug/L	50	42.4	85	24-140	
3-Nitroaniline	ug/L	50	36.9J	74	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35J	70	21-135	
4-Bromophenylphenyl ether	ug/L	50	34.3	69	30-121	
4-Chloro-3-methylphenol	ug/L	50	36.8	74	28-117	
4-Chloroaniline	ug/L	50	36.9	74	22-136	
4-Chlorophenylphenyl ether	ug/L	50	32.9	66	30-119	
4-Nitroaniline	ug/L	50	39.6J	79	31-129	
4-Nitrophenol	ug/L	50	15.9J	32	10-64	
Acenaphthene	ug/L	50	30.9	62	29-117	
Acenaphthylene	ug/L	50	32.1	64	27-119	
Anthracene	ug/L	50	37.8	76	27-124	
Benzo(a)anthracene	ug/L	50	41.9	84	30-124	
Benzo(a)pyrene	ug/L	50	40.4	81	29-123	
Benzo(b)fluoranthene	ug/L	50	43.8	88	29-127	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	30-124	
Benzo(k)fluoranthene	ug/L	50	39.3	79	29-125	
Benzoic Acid	ug/L	50	11.1J	22	10-71	
Benzyl alcohol	ug/L	50	34.7	69	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.5	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	34.6	69	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	32.1	64	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.9	86	35-128	
Butylbenzylphthalate	ug/L	50	43.7	87	28-114	
Carbazole	ug/L	50	40.2	80	31-124	
Chrysene	ug/L	50	41.8	84	31-124	
Di-n-butylphthalate	ug/L	50	41.4	83	29-130	
Di-n-octylphthalate	ug/L	50	43.6	87	27-135	
Dibenz(a,h)anthracene	ug/L	50	42.1	84	30-125	
Dibenzofuran	ug/L	50	31.5	63	30-118	
Diethylphthalate	ug/L	50	39.3	79	30-123	
Dimethylphthalate	ug/L	50	37.8	76	29-121	
Fluoranthene	ug/L	50	40.2	80	31-126	
Fluorene	ug/L	50	33.7	67	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.2	36	14-107	
Hexachlorobenzene	ug/L	50	36.0	72	29-123	

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: WE BUILDING
Pace Project No.: 60348895

LABORATORY CONTROL SAMPLE: 2742156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	16.0	32	10-56	
Hexachloroethane	ug/L	50	16.5	33	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.5	85	29-124	
Isophorone	ug/L	50	37.8	76	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	36.7	73	28-117	
N-Nitrosodiphenylamine	ug/L	50	37.6	75	30-122	
Naphthalene	ug/L	50	23.8	48	25-111	
Nitrobenzene	ug/L	50	33.4	67	28-116	
Pentachlorophenol	ug/L	50	37.5J	75	17-134	
Phenanthrene	ug/L	50	37.5	75	30-121	
Phenol	ug/L	50	14.5	29	10-58	
Pyrene	ug/L	50	40.1	80	31-124	
Pyridine	ug/L	50	17.3	35	10-73	
2,4,6-Tribromophenol (S)	%			79	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			43	11-64	
Nitrobenzene-d5 (S)	%			73	27-106	
Phenol-d6 (S)	%			28	10-44	
Terphenyl-d14 (S)	%			88	34-129	

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: WE BUILDING
Pace Project No.: 60348895

QC Batch: 678462
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348895002, 60348895003, 60348895004

METHOD BLANK: 2743318 Matrix: Solid
Associated Lab Samples: 60348895002, 60348895003, 60348895004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/23/20 17:02	

SAMPLE DUPLICATE: 2743319

Parameter	Units	60348880003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	21.5	3	20	

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: WE BUILDING
Pace Project No.: 60348895

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.

BATCH QUALIFIERS

Batch: 678368

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 678743

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 679026

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D4	Sample was diluted due to the presence of high levels of target analytes.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
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.
P3	Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.
R1	RPD value was outside control limits.

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QUALIFIERS

Project: WE BUILDING
Pace Project No.: 60348895

ANALYTE QUALIFIERS

S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WE BUILDING
Pace Project No.: 60348895

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348895002	**DPT-4-SO-(20-21)**	EPA 3546	678177	EPA 8082	678556
60348895003	**DPT-4-SO-(11-12)**	EPA 3546	678177	EPA 8082	678556
60348895004	**DPT-4-SO-(5-7)**	EPA 3546	678177	EPA 8082	678556
60348895001	**DPT-4-GW-(16-21)**	EPA 3510	678318	EPA 8082	678663
60348895002	**DPT-4-SO-(20-21)**	EPA 3050	680128	EPA 6010	680456
60348895003	**DPT-4-SO-(11-12)**	EPA 3050	680128	EPA 6010	680456
60348895004	**DPT-4-SO-(5-7)**	EPA 3050	680128	EPA 6010	680456
60348895001	**DPT-4-GW-(16-21)**	EPA 3010	680174	EPA 6010	680281
60348895001	**DPT-4-GW-(16-21)**	EPA 3010	680184	EPA 6010	680286
60348895001	**DPT-4-GW-(16-21)**	EPA 7470	678729	EPA 7470	678788
60348895001	**DPT-4-GW-(16-21)**	EPA 7470	677968	EPA 7470	678069
60348895002	**DPT-4-SO-(20-21)**	EPA 7471	679313	EPA 7471	679470
60348895003	**DPT-4-SO-(11-12)**	EPA 7471	679313	EPA 7471	679470
60348895004	**DPT-4-SO-(5-7)**	EPA 7471	679313	EPA 7471	679470
60348895002	**DPT-4-SO-(20-21)**	EPA 3546	678954	EPA 8270	679637
60348895003	**DPT-4-SO-(11-12)**	EPA 3546	678954	EPA 8270	679637
60348895004	**DPT-4-SO-(5-7)**	EPA 3546	678954	EPA 8270	679637
60348895002	**DPT-4-SO-(20-21)**	EPA 3546	678956	EPA 8270	679490
60348895003	**DPT-4-SO-(11-12)**	EPA 3546	678956	EPA 8270	679490
60348895004	**DPT-4-SO-(5-7)**	EPA 3546	678956	EPA 8270	679490
60348895001	**DPT-4-GW-(16-21)**	EPA 3510C	678084	EPA 8270	678562
60348895001	**DPT-4-GW-(16-21)**	EPA 3510	678083	EPA 8270	678831
60348895002	**DPT-4-SO-(20-21)**	EPA 5035A/5030	678123	EPA 8260B	678138
60348895004	**DPT-4-SO-(5-7)**	EPA 5035A/5030	678413	EPA 8260B	678488
60348895003	**DPT-4-SO-(11-12)**	EPA 5035A/5030B	678034	EPA 8260B	678201
60348895004	**DPT-4-SO-(5-7)**	EPA 5035A/5030B	678719	EPA 8260B	678768
60348895003	**DPT-4-SO-(11-12)**	EPA 5035/5030	678194	EPA 5035A/8260	678285
60348895001	**DPT-4-GW-(16-21)**	EPA 5030B/8260	678368		
60348895001	**DPT-4-GW-(16-21)**	EPA 5030B/8260	678743		
60348895005	**WE BUILDING-GW-TB3**	EPA 5030B/8260	678368		
60348895001	**DPT-4-GW-(16-21)**	EPA 8260	679026		
60348895002	**DPT-4-SO-(20-21)**	EPA 5035	678110	EPA 8260	678137
60348895004	**DPT-4-SO-(5-7)**	EPA 5035	678414	EPA 8260	678489
60348895002	**DPT-4-SO-(20-21)**	ASTM D2974	678462		
60348895003	**DPT-4-SO-(11-12)**	ASTM D2974	678462		
60348895004	**DPT-4-SO-(5-7)**	ASTM D2974	678462		

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Sample Condition Upon Receipt

WO#: 60348895

60348895

Client Name: TetraTech EMI

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☑ Client ☐ Other ☐

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☐

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

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☑ None ☐ Other ☑ ZPLC

Thermometer Used: T299 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 4.1 **Corr. Factor** +0.2 **Corrected** 4.3

Date and initials of person examining contents: 09/19/20 MLK

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	Container for dissolved metals does not say field filtered but compared to the BP3N, it looks to be filtered
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☑Yes ☐No ☑N/A 09/19/20 MLK	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: WT, SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT# 003173	☑Yes ☐No ☐N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added. Initial pH of the BP3N was 7.0. Added 1.0 mL HNO3 (Lot# 270608) on 09/19/20 @ 1236. Final pH is 0.0
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State: KS	☐Yes ☑No ☐N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☑No ☐N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

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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.

Complete

Page: 1 of 1

Section A Required Client Information:

Company:	Tetra Tech EMI
Address:	415 Oak
	Kansas City, MO 64106
Email To:	kaitlyn.mitchell@tetratech.com
Phone: (816) 412-1742	Fax: (816) 410-1748
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Kaitlyn Mitchell
Copy To:	
Purchase Order No.:	
Project Name:	WE Building
Project Number:	

Section C Invoice Information:

Attention:	Kaitlyn Mitchell
Company Name:	Tetra Tech EMI
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jeffrey Shopper 913-563-1408
Pace Profile #:	8083

REGULATORY AGENCY

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

Site Location STATE: KS

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Sodium phosphate Tri basic	8082 PCBs	8270 DRO/ORO	RCRA 8 Metals	8270 SVOCs	8260 VOCs	8260 GRO	RCRA 8 Metals (Dissolved)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~DPT-1-GW-(20-25)~~	WT	G			9/16/20	1210		13	6		2	5					X	X	X	X	X	X	X		60348895
2	~~DPT-1-GW-(20-25)-FD~~	WT	G				1210		13	6		2	5					X	X	X	X	X	X	X		
3	DPT-4-GW-(16-21)	WT	G				1900		13	6		2	5					X	X	X	X	X	X	X		
4	~~WE Building-GW-TB~~	~~WT~~	G				1932		~~2~~				2									X				
5	DPT-4-SO-(20-21)	SL	G				1756		7	4						1	2	X	X	X	X	X	X			
6	DPT-4-SO-(11-12)	SL	G				1734		7	4						1	2	X	X	X	X	X	X			
7	DPT-4-SO-(5-7)	SL	G				1645		7	4						1	2	X	X	X	X	X	X			
8	~~WE Building~~-GW-TB3	WT	G				2242		2				2									X				
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Stephanie Caples/TT	9/17/20	1020	mueller/Pace	9/18/20	0415	4.3	Y	Y	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Stephanie Caples & Ryan Slanczka				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 09/17/20			

*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.08, 12-Oct-2007

DATA VERIFICATION REPORT

Prepared by: Ann Weise

Date: October 14, 2020

Site Name/Job Number: WE Building / 103G65210190.03.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348880

Sample Designations/Names:

DPT-1-SO-(20-21) DPT-2-SO-(22-23) DPT-3-SO-(21-22) WE BUILDING-SO-TB

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCBs) by 8082, Metals by 6010, Mercury by 7471, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/18/2020; the samples arrived in good condition at 2.4 ° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 10/02/2020.
Method and field blank contamination	☑	☐	☐	The method blank and trip blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except 1,2-dichloroethane-d4 which was below the QC limits for the MSD for the GRO analysis.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except for benzoic acid. Detected benzoic acid results are qualified with a J+ to indicate they are biased high, however, benzoic acid was not detected in any sample.
Other	☑	☐	☐	Dichlorodifluoromethane exceeded secondary source verification criteria low for the initial calibration. The detected results should be considered estimated values; however, dichlorodifluoromethane was not detected.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Summary Data is usable as reported by the laboratory. No qualifications appear to be necessary.				

DATA VERIFICATION REPORT

Prepared by: Ann Weise

Date: October 14, 2020

Site Name/Job Number: WE Building / 103G65210190.03.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348883

Sample Designations/Names:

DPT-5-SO-(19-20) DPT-6-SO-(20-21) DPT-1-GW-(20-25) WE BUILDING-FB WE BUILDING-GW-TB4

Matrices: Soil, Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCBs) by 8082, Metals by 6010, Mercury by 7471, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/18/2020; the samples arrived in good condition at 2.3 ° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 10/02/2020.
Method and field blank contamination	☑	☐	☐	The method blank and field blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for lead in the groundwater sample, which had low recovery. The batch was accepted based on the result of the LCS recovery.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except for benzoic acid in the soil samples and cis-1,2-dichloropropene and dichlorodifluoromethane in water samples. Detected benzoic acid results are qualified with a J+ to indicate they are biased high; however, benzoic acid was not detected in soil. Detected cis-1,2-dichloropropene and dichlorodifluoromethane results in groundwater are qualified with a J- to indicate they are biased low; however, neither analyte was detected.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Other	☑	☐	☐	Dichlorodifluoromethane exceeded secondary source verification criteria low for the initial calibration. The detected results should be considered estimated values; however, dichlorodifluoromethane was not detected in soil.

Summary

Data is usable as reported by the laboratory. No qualifications appear to be necessary.

DATA VERIFICATION REPORT

Prepared by: Ann Weise

Date: October 15, 2020

Site Name/Job Number: WE Building / 103G65210190.03.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348891

Sample Designations/Names:

DPT-5-GW-(15-20) DPT-2-GW-(18-23) DPT-6-GW-(19-24) WE BUILDING-GW-TB3 RINSATE BLANK

Matrices: Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCBs) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/18/2020; the samples arrived in good condition at 1.5° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 10/05/2020.
Method and field blank contamination	☑	☐	☐	The method blanks, trip blank and rinsate blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except for cis-1,2-dichloropropene and dichlorodifluoromethane. Detected cis-1,2-dichloropropene and dichlorodifluoromethane results are qualified with a J- to indicate they are biased low; however, neither analyte was detected.
Other	☑	☐	☐	
Summary Data is usable as reported by the laboratory. No qualifications appear to be necessary.				

DATA VERIFICATION REPORT

Prepared by: Ann Weise

Date: October 14, 2020

Site Name/Job Number: WE Building / 103G65210190.03.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348893

Sample Designations/Names:

DPT-4-SO-(5-7)-FD DPT-1-GW-(20-25)-FD WE BUILDING-GW-TB1

Matrices: Soil, Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCBs) by 8082, Metals by 6010, Mercury by 7471, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/18/2020; the samples arrived in good condition at 2.3° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 10/02/2020.
Method and field blank contamination	☑	☐	☐	The method blanks and trip blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for surrogates for TPH, which were diluted out due to the high to the presence of high levels of non-target analytes or other matrix interference. Surrogate recoveries were acceptable for the LCS and MS/MSD indicting was in control.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for lead in the groundwater sample, which had low recovery. The batch was accepted based on the result of the LCS recovery.

Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except for benzoic acid in the soil samples and cis-1,2-dichloropropene and dichlorodifluoromethane in water samples. Detected benzoic acid results are qualified with a J+ to indicate they are biased high; however, benzoic acid was not detected in any sample. Detected cis-1,2-dichloropropene and dichlorodifluoromethane results in groundwater are qualified with a J- to indicate they are biased low; however, neither analyte was detected.

Other	☑	☐	☐	Dichlorodifluoromethane exceeded secondary source verification criteria low for the initial calibration. The detected results should be considered estimated values; however, dichlorodifluoromethane was not detected.

Summary

Data is usable as reported by the laboratory. No qualifications appear to be necessary.

The comparison of field duplicate results follows:

Sample ID	Duplicate ID	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	ARSENIC	10.5	9.6	mg/kg	9.0
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	BARIUM	222	484	mg/kg	74.2
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	CHROMIUM	19.6	21.1	mg/kg	7.4
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	LEAD	12.8	29.9	mg/kg	80.1
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	ACETONE	39.7	21.2	µg/kg	60.8
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	NAPHTHALENE	74500	14.4	µg/kg	199.9
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	TPH-DRO	745	132	µg/kg	139.8
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	TPH-ORO	1710	211	µg/kg	156.1
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	2-METHYLNAPHTHALENE	40600	706	µg/kg	193.2
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	ACENAPHTHENE	36200	410	µg/kg	195.5
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	ANTHRACENE	102000	748	µg/kg	197.1
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	BENZO(A)ANTHRACENE	115000	908	µg/kg	196.9
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	BENZO(A)PYRENE	84600	659	µg/kg	196.9
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	BENZO(B)FLUORANTHENE	106000	782	µg/kg	197.1
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	CHRYSENE	90100	691	µg/kg	197.0
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	DIBENZOFURAN	54300	630	µg/kg	195.4
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	FLUORANTHENE	226000	1830	µg/kg	196.8
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	FLUORENE	71000	655	µg/kg	196.3
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	NAPHTHALENE	65300	1990	µg/kg	188.2
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	PHENANTHRENE	302000	2540	µg/kg	196.7
DPT-4-SO-(5-7)	DPT-4-SO-(5-7)-FD	PYRENE	175000	1560	µg/kg	196.5
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	ARSENIC	222	136	µg/L	48.0
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	BARIUM	5320	3010	µg/L	55.5
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	CADMIUM	14.9	9.6	µg/L	43.3
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	CHROMIUM	401	316	µg/L	23.7
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	LEAD	3300	1910	µg/L	53.4
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	MERCURY	106	48.8	µg/L	73.9
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	SILVER	14.1	7	µg/L	67.3
DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	BARIUM	119	140	µg/L	16.2

DPT-1-GW-(20-25)	DPT-1-GW-(20-25)-FD	SELENIUM	27.4	30.4	µg/L	10.4

Notes:	This table presents detections only; if analyte was not detected in both the sample and field duplicate; it was omitted from this table.
mg/kg	Milligrams per kilogram
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
RPD	Relative Percent Difference

DATA VERIFICATION REPORT

Prepared by: Ann Weise

Date: October 14, 2020

Site Name/Job Number: WE Building / 103G65210190.03.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348895

Sample Designations/Names:

DPT-4-GW-(16-21) DPT-4-SO-(20-21) DPT-4-SO-(11-12) DPT-4-SO-(5-7) WE BUILDING-GW-TB3

Matrices: Soil, Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCBs) by 8082, Metals by 6010, Mercury by 7471, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/18/2020; the samples arrived in good condition at 4.3° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 10/02/2020.
Method and field blank contamination	☑	☐	☐	The method blanks and trip blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for surrogates for TPH, which were diluted out due to the high to the presence of high levels of non-target analytes or other matrix interference. Surrogate recoveries were acceptable for the LCS and MS/MSD indicting was in control.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits with the following exceptions: -lead in the groundwater sample, which had low recovery -1,2,3-trichloropropane and 2-hexanone in soil, which were high recoveries in the MSD, and -n-propylbenzene in soil which had high recoveries in the MS and MSD. The batch was accepted based on the result of the LCS recoveries.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except for benzoic acid in the soil samples and cis-1,2-dichloropropene and dichlorodifluoromethane in water samples. Detected benzoic acid results are qualified with a J+ to indicate they are biased high; however, benzoic acid was not detected in any sample. Detected cis-1,2-dichloropropene and dichlorodifluoromethane results in groundwater are qualified with a J- to indicate they are biased low; however, neither analyte was detected.
Other	☑	☐	☐	Dichlorodifluoromethane exceeded secondary source verification criteria low for the initial calibration. The detected results should be considered estimated values; however, dichlorodifluoromethane was not detected.
Summary Data is usable as reported by the laboratory. No qualifications appear to be necessary.				

APPENDIX F

PROPERTY PROFILE FORM

United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Form Approved
OMB Number No. 2050-0192
Expires 07-31-2012

PROPERTY PROFILE FORM—Brownfields

PART I- PROPERTY INFORMATION

COOPERATIVE AGREEMENT RECIPIENT INFORMATION

1. Cooperative Agreement Recipient Name (State/Tribe for Section 128(a) Cooperative Agreements; requestor/contractor for TBAs): WE Building

2. Cooperative Agreement Number (contract number for TBAs): 68HERH19D0018

3. What type of cooperative agreement funding is being used for this property?

- ☐ Assessment
- ☐ Section 128(a) – State and Tribal Response
- ☐ Revolving Loan Fund
- ☑ TBA (EPA Regions Only)
- ☐ Cleanup

4. For Assessment, Cleanup, and Revolving Loan Fund cooperative agreements, what type of funding is being used at this property?

- ☐ Hazardous Substance
- ☐ Petroleum
- ☑ Both

5a. Indicate if this form is the initial or Updated Form:

- ☑ Initial Form
- ☐ Updated Form

5b. If "Updated Form," what's the ACRES Property ID?

PROPERTY BACKGROUND INFORMATION

6. Property Name: WE Building Site

7a. Street Address: 3230-3232 Washington Boulevard

7b. City: St. Louis

7c. County: St. Louis

7d. State: MO

7e. Zip code: 63103

8. Size (in acres): 0.30

9. Parcel Number(s): 10400000100

STATE & TRIBAL BROWNFIELDS/VOLUNTARY RESPONSE PROGRAM INFORMATION

10. State & Tribal Program Enrollment (If the property is not enrolled in a state program, check Property Not Enrolled check box):

Date of Enrollment: _____

ID Number (if applicable): _____

☑ Property Not Enrolled in a State or Tribal Program

PROPERTY GEOGRAPHIC INFORMATION *(EPA Brownfields Program, or its contractors, will provide complete latitude/longitude information if cooperative agreement recipients are unable)*

11a. Latitude (use 00.000000 decimal degree format): 38.637383

11b. Longitude (use -000.000000 decimal degree format): -90.226038

11c. Horizontal Collection Method: Global Positioning Method- Unspecified Parameters

11d. Source Map Scale Number (Only if a map/photo was used):

11e. Reference Point (e.g., Center of Facility or Station): Center of a Facility or Station

11f. Horizontal Reference Datum (Choose one):

- ☐ NAD27-North American Datum of 1927
- ☐ NAD83-North American Datum of 1983
- ☑ WGS84-World Geodetic System of 1984

PART II- ENVIRONMENTAL ACTIVITIES

ENVIRONMENTAL ASSESSMENT INFORMATION *(mandatory for Assessment Cooperative Agreements, State & Tribal Property-Specific Assessments, and TBAs; as available for Cleanup and RLF cooperative agreement recipients; CA = Cooperative Agreement)*

Table A – Environmental Assessment Activity (If there are multiple assessments, please use a separate line for each assessment)

Environmental Assessment Detail			Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this					Name of Entity Providing Funds	Amount of Funding Expended on this Activity
Activity	Start Date	Completion Date	This US EPA CA	Other Federal	State/Tribal (exclude §128(a) funds)	Local Gov't	Private/ Other		
Phase I	1/1/2019	10/1/2019	☐	☐	☑	☐	☐	MDNR	UNK
Phase II	8/20/2020	10/18/2020	☑	☐	☐	☐	☐	U.S. EPA Region 7	$28,581.59
Cleanup Planning	8/20/2020	11/1/2020	☑	☐	☐	☐	☐		

12. Indicate whether cleanup is required: ☑ Yes ☐ No ☐ Unknown

CONTAMINANTS & MEDIA AFFECTED INFORMATION *(mandatory for all cooperative agreement types)*

Table B - Contaminants and Media Affected (check all that apply):

Contaminants

Class of Contaminant	REC*	Found	Cleaned Up
Petroleum/Petroleum Products	☑	☑	☐
Controlled Substances	☐	☐	☐
Asbestos	☑	☑	☐
PCBs	☑	☐	☐
VOCs	☑	☑	☐
Lead	☑	☑	☐
Other Metals	☑	☑	☐
PAHs	☑	☑	☐
Other Contaminants	☐	☐	☐
No Contaminants	☐		
Unknown	☐		

Media

Media	Affected	Cleaned Up
Soil	☑	☐
Air	☐	☐
Surface Water	☐	☐
Ground Water	☑	☐
Drinking Water	☐	☐
Sediments	☐	☐
No Media Affected	☐	
Unknown	☐	

*REC = Recognized Environmental Conditions

ENVIRONMENTAL CLEANUP INFORMATION *(mandatory for Cleanup and RLF Cooperative Agreements and State & Tribal Property-Specific Cleanups; as available for Assessment Cooperative Agreements and TBAs)*

13. Cleanup Activity Start Date: _____ **14.** Cleanup Activity Completion Date: _____ **15.** Acres Cleaned Up: _____

16. Date No Further Action/Cleanup Completion Document Issued
(If the property was not enrolled in a state or tribal program, leave blank): Date: _____

17. Number of Cleanup Jobs Leveraged: _____

18. If EPA Brownfields funding was used, indicate the type and amount (If any non-EPA funding was used, fill out Table C):

Type	Amount	Type	Amount
☐ Cleanup Cooperative Agreement	_____	☐ RLF Subgrant	_____
☐ RLF Loan	_____ Date RLF Loan Signed _____	☐ Section 128(a) State/Tribal Cooperative Agreement	_____

Table C - Environmental Cleanup Leveraged Funding Detail

Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this EPA Cooperative Agreement)				Name of Entity Providing Funds	Amount of Funding Expended on this Activity
Other Federal	State/Tribal (exclude §128(a) funds)	Local Gov't	Private/ Other		
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		

PART II- ENVIRONMENTAL ACTIVITIES (continued)

INSTITUTIONAL & ENGINEERING CONTROLS INFORMATION *(mandatory for all cooperative agreement types)*

19a. Indicate whether Institutional Controls are required: ☑ Yes ☐ No ☑ Unknown

19b. If Institutional Controls were required, indicate the category (check all that apply):

☐ Proprietary Controls (e.g., easements, covenants)

☑ Governmental Controls (e.g., zoning, building codes)

☐ Informational Devices (e.g., state registries, deed notices)

☐ Enforcement/Permit Tools (e.g., permits, consent decrees)

Additional Institutional Controls Information:

On August 1, 2005, the City of St. Louis approved an ordinance that prohibits the use or attempted use of groundwater as a potable water supply. On October 25, 2006, the City of St. Louis and MDNR entered into a memorandum of understanding.

Address of Data Source (URL if available): https://dnr.mo.gov/env/hwp/docs/StLouisGroundwaterMOU.pdf

19c. Indicate whether Institutional Controls in place: ☑ Yes ☐ No Date: 10/25/2006

20a. Indicate whether Engineering Controls are required: ☐ Yes ☐ No ☑ Unknown

20b. If Engineering Controls were required, indicate the category (check all that apply):

☐ Cover Technologies (e.g., Capping)

☐ Immobilization Process (e.g., Encapsulation, In-Situ Solidification)

☐ Engineered Barriers (e.g., Slurry Walls, Sheet)

☐ Security (e.g., Guard, Fences)

☐ Other _____

Additional Engineering Controls Information:

Address of Data Source (URL if available): _____

20c. Indicate whether Engineering Controls in place: ☐ Yes ☑ No Date: _____

REDEVELOPMENT AND OTHER LEVERAGED ACCOMPLISHMENTS *(Mandatory for Assessment, Cleanup and RLF Cooperative Agreements; as available for State and Tribal Property Specific Activities and TBAs)*

21. Redevelopment Start Date: _____ **22.** Redevelopment Completion Date: _____

Table D- Redevelopment Leveraged Funding Detail

Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this EPA Cooperative Agreement)					
Other Federal	State/Tribal	Local Gov't	Private/ Other	Name of Entity Providing Funds	Amount of Funding Expended on this Activity
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		

23. Number of Redevelopment Jobs Leveraged: _____

24. Future Use and Estimated Acreage (check all that apply; For properties with multi-story buildings only, please indicate also the square footage for each type of reuse (e.g. a three story building with first floor commercial and remaining floors residential).

☑ Multi-story building

☐ Greenspace _____ acres _____ sq. ft.

☑ Commercial 0.30 acres ~26,230 sq. ft.

☐ Industrial _____ acres _____ sq. ft.

☐ Residential _____ acres _____ sq. ft.

25. Actual Acreage(s) and Type(s) of Greenspace Created: _____

PART II- ENVIRONMENTAL ACTIVITIES (continued)

ANECDOTAL PROPERTY INFORMATION *(as available for all cooperative agreement types)*

26. Property Highlights:

The approximate 0.3-acre WE Building site is in St. Louis, St. Louis County, Missouri. Surrounding properties have been developed since as early as 1909, and historically have hosted primarily residential properties; however, by 1932, the surrounding area became more commercial with parcels to the south developed with machine shops and a parcel to the north developed with a tire and filling station.

PROPERTY PHOTOGRAPH INFORMATION

27. Indicate whether photographs are available: ☑ Yes ☐ No **28.** Indicate whether video is available: ☐ Yes ☑ No

PART III- ADDITIONAL PROPERTY INFORMATION

PROPERTY HISTORY INFORMATION

29. Property Description / History / Past Ownership:

See anecdotal property information above.

30. Predominant Past Use(s) (check all that apply; For properties with multi-story buildings only, please indicate also the square footage for each type of reuse (e.g. a three story building with first floor commercial and remaining floors residential):

☑ Multi-story building

☐ Greenspace	_____ acres	_____ sq. ft.	☑ Commercial	0.30 acres	~26,230 sq. ft.
☐ Residential	_____ acres	_____ sq. ft.	☐ Industrial	_____ acres	_____ sq. ft.

OWNERSHIP & SUPERFUND LIABILITY *(Mandatory for Cleanup and RLF Cooperative Agreements)*

31a. Ownership Entity:

☐ Government (Tribal, State, Local) ☑ Private

31b.Current Owner:

Washington Tabernacle Missionary Baptist Church

32a. During the life of the cooperative agreement, did ownership change?

☐ Yes ☑ No

32b. If "yes," did Superfund federal landowner liability protections factor into the ownership change?

☐ Yes ☐ No ☐ Unknown

PART IV- APPROVALS

33. Cooperative Agreement Recipient Project Manager

Name (please print):	Signature	Date:

34. US EPA Regional Representative

Name (please print):	Signature	Date: