TOEROEK
ASSOCIATES, INC.

March 11, 2021

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

Subject: Contract No. 68HERH19D0018; Task Order (TO) No. 68E0719F0190
Pine Lawn, 6310 Natural Bridge Road, Pine Lawn, Missouri
Phase II Environmental Site Assessment (ESA)

Dear Mr. Roberts:

Toeroek Associates, Inc. (Toeroek) and our teaming subcontractor, Tetra Tech, Inc. (Tetra Tech), (hereafter "Toeroek Team") are pleased to present the revised Phase II Environmental Site Assessment (ESA) report regarding the Pine Lawn site (the subject property) at 6310 Natural Bridge Road, Pine Lawn, Missouri. Revisions were made to address U.S. Environmental Protection Agency (EPA) comments received on January 20, 2021. The Toeroek team has conducted the Phase II ESA based on the Phase I ESA performed at the subject property by Terracon Consultants, Inc. on July 11, 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: Frank Novello, EPA Region 7 (cover letter only)
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TARGETED BROWNFIELDS ASSESSMENT
PHASE II ENVIRONMENTAL SITE ASSESSMENT

PINE LAWN
6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 7

Task Order	:	68E0719F0190
Subtask	:	02.03.07
EPA Region	:	7
Date Prepared	:	March 11, 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 that the Toeroek Team conduct a Phase II Environmental Site Assessment (ESA) as part of a Targeted Brownfields Assessment (TBA) of the Pine Lawn site (the subject property) at 6310 Natural Bridge Road in Pine Lawn, Missouri (see Appendix A, Figure 1). The Toeroek Team has performed this Phase II ESA based on results of the Phase I ESA conducted by Terracon Consultants, Inc. (Terracon) in July 2019. According to the Brownfields Assessment Application (City of Pine Lawn, Missouri, 2018), the current property owner, City of Pine Lawn, is interested in developing the parcel for commercial purposes 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 surface, subsurface soil, and groundwater samples to confirm or eliminate recognized environmental conditions (RECs) identified during the previous Phase I ESA (Terracon 2019).

This Phase II ESA report is consistent with ASTM International (ASTM) Standard E 1903-19 for Phase II ESAs, and 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 6310 Natural Bridge Road in Pine Lawn, 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 38.692683 degrees north latitude and 90.279625 degrees west longitude. The subject property is on a 0.28-acre parcel that includes the concrete pad of a former building (Terracon 2019).

2.2 PHYSICAL SETTING

The subject property lies in the northwestern suburbs of St. Louis, Missouri. It is bounded to the north-northeast by Natural Bridge Road with commercial properties beyond, to the east-southeast by an abandoned building followed by Arden Avenue, to the south-southwest by residential properties, and to the west-northwest by residential properties (Terracon 2019).

2.2.1 Geologic Setting

St. Louis County lies within the gently rolling Central Lowland physiographic province. The sedimentary rocks beneath the region of the subject property consist primarily of the shale and sandstones of the Pennsylvanian Marmaton and Cherokee Groups that overlie 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 October 2020. The soil consists of urban land, harvester complex with 2 to 9 percent slopes. This soil type is found in hillslopes and interfluves, is moderately well drained, and consists of silt loam (to depth of 7 inches), silty clay loam (from 7 to

31 inches deep), and clay loam (from 31 to 80 inches deep) (USDA 2020). During the Phase II ESA, soils observed during soil borings consisted primarily of clays and urban fill (see Section 3.2.2).

The subject property slopes gently to the southeast toward an adjacent property with an abandoned building.

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 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 Pine Lawn derives its drinking water from a private utility supplier, Missouri American Water. Missouri American Water utilizes surface water consisting of approximately 80% from the Missouri River and 20% from the Meramec River. Additionally, Missouri American Water occasionally purchases water from the City of St. Louis Water Division (Missouri American Water 2019).

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 north-northeast direction. Groundwater depth and direction likely vary with seasonal changes, precipitation, and other unknown hydrogeologic features. Groundwater was encountered at approximately 25 feet below ground surface (bgs) in boring DPT-11 and at approximately 24 feet bgs in boring DPT-12. Groundwater was not encountered before planned excavation depth of 30 feet bgs in any other boring.

According to the National Wetlands Inventory surface water and wetlands mapper, there are no surface water features on the subject property and the nearest surface water is a 2.14-acre riverine classified as an intermittent, seasonally flooded streambed approximately 0.3 miles to the south and the Mississippi River located approximately 3.7 miles to the east-northeast (U.S. Fish and Wildlife Service [USFWS] 2021).

The Phase I ESA indicated that there were no water wells identified on the subject property or on any property adjoining the subject property. According to the Missouri Geological Survey (MGS) GeoSTRAT database for registered wells, the closest wells are 9 monitoring wells approximately 300 feet northwest of the subject property across the street at 6340 Natural Bridge Road (MGS 2021). These monitoring wells are associated with the Anderson Auto property, a LUST listing in the Phase I ESA (Terracon 2019). The closest water supply well is approximately 2 miles southwest of the subject property at a business located at 6346 Plymouth Avenue (MGS 2021).

2.2.3 Hydrology

Most of the subject property is flat; however, surface water likely flows to storm sewers or toward the Mississippi River, which is approximately 3.7 miles east-northeast of the subject property.

2.2.4 Meteorology

The annual average rainfall in the greater St. Louis area, 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 Terracon Phase I ESA report states the property and surrounding area were first developed in the 1930s with residential and commercial properties. Reportedly, the property was used for auto service and gas station operations since the mid-1930s. This conditions was identified as a REC to the subject property due to the possibility of subsurface impacts on the property from petroleum products and hazardous substances (Terracon 2019).

2.4 ADJACENT PROPERTY USE

The north adjacent property, 6305 Natural Bridge Road, previously hosted a filling station, auto repair shop, and boat sales and services. Terracon identified this property as a REC to the subject property due to the

possibility of subsurface impacts on the subject property from petroleum products and hazardous substances from off-site historical uses (Terracon 2019).

The subject property lies in the northwestern suburbs of St. Louis, Missouri. It is currently bounded to the north-northeast by Natural Bridge Road with commercial properties beyond, to the east-southeast by an abandoned building followed by Arden Avenue, to the south-southwest by residential properties, and to the west-northwest by residential properties.

2.5 SUMMARY OF PREVIOUS ASSESSMENTS

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

- Historical use of the subject property as an automotive servicing.
- Historical uses of the adjacent property as a filling station and automotive and boat servicing operations.

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

Seagull Environmental Technologies, Inc. conducted an Area-Wide Inventory (AWI) of Pine Lawn in early 2018. The subject property was listed for historical use as a filling station and auto servicing operation, as well as for possibly present USTs (Terracon 2019). The original AWI report was not made available to the Toeroek Team and is known only through descriptions of the inventory in the Terracon Phase I ESA.

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 21 through 25, 2020, Toeroek Team members Stephanie Caples and Thomas Kaley oversaw a GPR survey and conducted surface and subsurface soil sampling and groundwater sampling. 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 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 September 11, 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. Objective of soil sampling was to characterize possible releases to the environment.

Figure 2 in Appendix A depicts sampling locations at the subject property. DPT borings were advanced at all of the Pine Lawn addresses (4311 and 4315 Jennings Station Road and 6109, 6128, 6305, and 6310 Natural Bridge Road). Six of these DPT boring locations (DPT-11 through DPT-16) are associated with this address, 6310 Natural Bridge Road.

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), semivolatile 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 Resource Conservation and Recovery Act (RCRA) metals (including mercury).

3.1.3 Deviations from the QAPP

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

- The QAPP specified collection of groundwater samples at all DPT locations. Groundwater was not encountered before termination of advancement at total planned depth of 30 feet bgs at borings DPT-13, DPT-14, DPT-15, and DPT-16, therefore, no groundwater samples were collected at these four locations.
- The QAPP specified collection of one subsurface soil sample at each of the six DPT locations. Due to detections of petroleum odor and elevated photoionization detector (PID) readings, an additional subsurface soil sample was collected at each of DPT-11 and DPT-12.
- The QAPP indicated any soil samples, groundwater samples, or blanks to be analyzed for VOCs, SVOCs, TPH, and metals. Samples were also inadvertently analyzed for PCBs, due to an error in the field; however, none were detected in any samples.

3.2 FIELD EXPLORATION AND METHODS

Field activities at the subject property occurred on September 22, 23 and 25, 2020. Samples were submitted to Pace in Lenexa, Kansas, each day of sampling. Toeroek Team subcontractor Environmental Works, Inc. (EWI) conducted the GPR survey and the DPT drilling activities. 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

EWI conducted a survey of underground conditions by use of multi-phase GPR. A GPR antenna and an electromagnetic pipe and cable locator were utilized for the survey of underground conditions. The entire subject property (approximately 12,700 square feet) was surveyed to an effective depth of approximately 6 to 8 feet bgs. Real-time active scanning methods were applied to locate possibly present USTs within the designated scan areas.

3.2.2 Soil Sampling

At each of six select soil boring locations, one subsurface soil sample (including one field duplicate) was collected during Phase II activities to investigate present contamination from historical and current activities at the subject property. Due to detections of petroleum odor and elevated PID readings, an

additional subsurface soil sample was collected at the DPT-11 and DPT-12 locations. A surface soil sample was also collected at each of DPT-11 and DPT-12 (see Appendix A, Figure 2). Boring locations generally accorded with the locations identified in the QAPP while avoiding anomalies found during the GPR survey that suggested the presence of underground utilities.

Sampling proceeded by use of a Geoprobe direct-push technology (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, geologic refusal, or to groundwater, whichever occurred first. Soil borings were screened by use of a PID for presence of elevated concentrations of VOCs. Soil samples were collected from intervals within borings that exhibited observable staining, emitted odor, or induced elevated PID readings. If no odor, staining, or elevated PID readings were detected, samples were collected near the bottom of the borings (28-30 feet bgs). Boring logs are in Appendix C.

Soil samples for analyses for VOCs and TPH-GRO (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 four 8-ounce jars for analyses 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) were estimated based on mapped locations in ArcGIS. Table 1 below summarizes soil samples collected during this Phase II ESA.

TABLE 1

SOIL SAMPLE SUMMARY
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Boring ID	Sample ID(s)	Depth Interval (ft bgs)	Latitude (°N)	Longitude (°W)	Analyses Performed
DPT-11	DPT-11-SO-(2-3)	2-3	38.692802	90.279598	VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA Metals (including mercury)
	DPT-11-SO-(12-13)	12 - 13			
	DPT-11-SO-(29-30)	29 - 30			
DPT-12	DPT-12-SO-(1-3)	1 - 3	38.692774	90.279468	
	DPT-12-SO-(1-3)-FD				
	DPT-12-SO-(5-6)	5 - 6			
	DPT-12-SO-(27-28)	27 - 28			
DPT-13	DPT-13-SO-(29-30)	29 - 30	38.689718	90.275110	
DPT-14	DPT-14-SO-(13-14)	13 - 14	38.692666	90.279753	
DPT-15	DPT-15-SO-(29-30)	29 - 30	38.692574	90.279616	
DPT-16	DPT-16-SO-(29-30)	29 - 30	38.692660	90.279470	

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	Semivolatile 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 groundwater samples at locations collocated with the six soil borings. Groundwater was encountered at approximately 25 feet bgs in boring DPT-11 and at approximately 24 feet bgs in boring DPT-12. Groundwater was not encountered before refusal depth or the planned maximum excavation depth of 30 feet bgs in any other boring. Two groundwater samples and two field duplicates were collected.

Samples were collected with 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, approximately 1 gallon of water was purged through disposable polyethylene tubing by use of a check valve placed at the bottom of the tubing. Samples for analysis for low-level VOCs (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 analyses for RCRA metals (via SW-846 Method 6020 and Method 7470) were collected in two 250-mL containers (one for analysis for total metals and one for analysis for dissolved metals) 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 the samples, the sampling location (i.e., GPS coordinates) was recorded in a site logbook. Table 2 below summarizes groundwater samples collected during this Phase II ESA.

TABLE 2

GROUNDWATER SAMPLE SUMMARY
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Boring ID	Sample ID(s)	Latitude(°N)	Longitude(°W)	Analyses Performed
DPT-11	DPT-11-GW-(25-30)	38.692802	90.279598	VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA Metals (including mercury)
	DPT-11-GW-(25-30)-FD			
DPT-12	DPT-12-GW-(24-29)	38.692774	90.279468	
	DPT-12-GW-(24-29)-FD			

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	Semivolatile organic compound
GRO	Gasoline-range organics	TPH	Total petroleum hydrocarbons
GW	Groundwater	VOC	Volatile organic compound

3.2.4 Quality Control Sampling

The Pine Lawn project included six properties that were sampled sequentially during the same week of field work. The samples were packed into coolers together and not separated by site; therefore, the quality control (QC) samples apply to all of the six Pine Lawn sites sampled for this project. Field QC sampling for the entire Pine Lawn investigation included 11 laboratory-supplied aqueous trip blanks (seven included with the soil samples and four included with the groundwater samples), five field blanks, and one equipment rinsate sample. The trip blanks, field blanks, and equipment rinsate sample were associated with not only the subject property, but also the other Pine Lawn addresses included in the overall investigation (4311 and 4315 Jennings Station Road and 6109, 6128, and 6305 Natural Bridge Road). Pace analyzed the trip blanks for VOCs. The field blanks and the equipment rinsate sample were analyzed for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). Analytical data from the trip blanks were referenced to determine whether contamination had been introduced during transportation of containers and samples. Analytical data from the field blanks were used to evaluate contamination of sampling containers or sample preservatives, and to assess contamination of 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 and one groundwater duplicate were collected to determine total method precision. Analytical results from field duplicate samples were used to calculate the relative percent difference (RPD) between the duplicate pair results for each detected analyte. RPDs were used for informational purposes only. Analytical accuracy of the data is 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 (LDTL), and Tier 1 Risk-based Target Levels (RBTL) for Type 3 (clayey) subsurface soils (MDNR 2006). 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 (MCL) and to MRBCA LDTLs and Tier I RBTLs.

Some analytes were not detected but had reporting limits above their respective screening levels. As a result, the Toeroek Team was not able to confirm that each result was below the regulatory benchmarks. However, detection limits for contaminants of concern based on RECs (metals, VOCs and SVOCs related to fuel storage; VOCs related to automotive repair; common industrial solvents; and TPHs) were below their respective screening levels.

Copies of analytical data packages and a copy of the data validation reports are in Appendix D.

4.1 GPR SURVEY

Toeroek Team subcontractor, EWI, conducted a survey of underground conditions using multi-phase GPR. A GPR antenna and an electromagnetic pipe and cable locator were utilized for the survey of underground conditions. All accessible portions of the subject property (approximately 12,700 square feet) were surveyed to an effective depth of approximately 6 to 8 feet bgs. Real-time active scanning methods were applied to locate possibly present USTs within the designated scan areas.

EWI identified and marked several areas of anomalies, which appeared to be a drain line, a brick foundation, and multiple unidentified lines running in various directions throughout the area. In addition to the utilities, four areas of disturbed soil were identified, suggesting the possibility of USTs on-site (see

Figure 2 in Appendix A). The results of soil and groundwater sampling suggest that no environmental impact has resulted from the potential presence of USTs.

4.2 SURFACE SOIL SAMPLES

Two surface soil samples (including a field duplicate) were collected at two boring locations to assess impacts on soil from historical and current site activities. The soil samples were submitted to Pace for analyses for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA metals including mercury.

VOCs

Acetone, a common laboratory contaminant surface soil sample DPT-11-SO-(2-3), was reported above laboratory detection limits, but not at a level exceeding the MRBCA LDTL for the compound. Several VOCs were detected in the duplicate pair DPT-12-SO-(1-3), with naphthalene concentrations exceeding the MRBCA LDTL and both EPA residential and industrial RSLs. None of these concentrations exceeded the residential RBTL for surface soil (silty soils) for the dermal contact (130,000 µg/kg), ingestion (53,200 µg/kg), or outdoor inhalation (465,000 µg/kg) exposure pathways. Table 3 lists VOC detections in surface soil.

TABLE 3

DETECTED VOC RESULTS FROM SURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	Acetone	Ethylbenzene	Isopropyl benzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
	MRBCA LDTL						
	4,200	39,900	10,500	325	41,600	13,000	35,200
	EPA RSL (Residential Soil)						
	6,100,000	5,800	190,000	2,000	390,000	380,000	780,000
	EPA RSL (Industrial Soil)						
	67,000,000	25,000	990,000	8,600	5,800,000	2,400,000	12,000,000
DPT-11-SO-(2-3)	50.7	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3
DPT-12-SO-(1-3)	<3,620	3,340	2,920	*13,900**	4,170	3,790	2,790
DPT-12-SO-(1-3) duplicate	<3,800	2,530	2,270	*11,600**	3,260	3,070	2,210

Notes:

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL. Gold highlight indicates concentration exceeds EPA residential and industrial RSLs.
* Neither concentration exceeded residential Risk-based Target Levels (RBTL). See the text above for additional discussion.

DPT Direct-push technology
EPA U.S. Environmental Protection Agency
LDTL Lowest Default Target Level
MRBCA Missouri Risk-based Corrective Action
RSL Regional Screening Level
SO Soil
VOC Volatile organic compound

SVOCs

Several SVOCs were detected in both surface soil samples, with concentrations of 2-methylnaphthalene and naphthalene exceeding MRBCA LDTLs and one or both EPA RSLs in the duplicate pair DPT-12-SO-(1-3). The sample pair reported concentrations of 2-methylnaphthalene at 11,000 and 9,260 µg/kg. These concentrations, however, did not exceed the residential RBTL for surface soil (silty soils) for the dermal contact (no target level established), ingestion (313,000 µg/kg), or outdoor inhalation (2,160,000 µg/kg) exposure pathways. As such, naphthalene detections in the duplicate sample pair (10,600 and 8,470 µg/kg) did not exceed any of the residential RBTL exposure pathways for surface soil for dermal contact (130,000 µg/kg), ingestion (53,200 µg/kg), or outdoor inhalation (465,000 µg/kg). Benzo(a)pyrene was detected in sample DPT-11-SO-(2-3) at a level exceeding the EPA residential RSL. Table 4 lists SVOC detections in surface soil.

TABLE 4

**DETECTED SVOC RESULTS FROM SURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI**

Sample Location	2-Methylnaphthalene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Fluoranthene	Naphthalene	Pyrene
	MRBCA LDTL							
	7,550	**6,120**	**620**	**6,190**	**599,000**	**2,280,000**	**325**	**1,500**
	EPA RSL (Residential Soil)							
	24,000	**1,100**	**110**	**1,100**	**110,000**	**240,000**	**2,000**	**180,000**
	EPA RSL (Industrial Soil)							
	300,000	**21,000**	**2,100**	**21,000**	**2,100,000**	**3,000,000**	**8,600**	**2,300,000**
DPT-11-SO-(2-3)	<363	367	438	620	366	684	<363	647
DPT-12-SO-(1-3)	*11,000**	<383	<383	<383	<383	<383	*10,600**	414
DPT-12-SO-(1-3) duplicate	*9,260**	<382	<382	<382	<382	431	*8,470**	458

Notes:

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL.
* No concentration exceeded residential Risk-based Target Levels (RBTL). See the text above for additional discussion.

DPT Direct-push technology
EPA U.S. Environmental Protection Agency
LDTL Lowest Default Target Level
MRBCA Missouri Risk-based Corrective Action
RSL Regional Screening Level
SO Soil
SVOC Semivolatile organic compound

PCBs

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

TPH

TPH-DRO was detected in the duplicate pair DPT-12-SO-(1-3) at levels exceeding both EPA residential and industrial RSLs. TPH-DRO was not detected in sample DPT-11-SO-(2-3) above the laboratory reporting limit, but the reporting limit exceeded both RSLs. Detections of TPH-GRO occurred in sample pair DPT-12-SO-(1-3) at levels (1,460 and 937 µg/kg) exceeding the MRBCA LDTL and both RSLs, but these concentrations did not exceed the RBTL exposure pathways for surface soil for dermal contact (no target

level established), ingestion (402,000 µg/kg), or outdoor inhalation (3,050,000 µg/kg). TPH-ORO was detected in all three surface soil samples at levels exceeding the EPA residential RSL. Table 5 lists TPH detections in surface soil.

TABLE 5

DETECTED TPH RESULTS FROM SURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, 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-11-SO-(2-3)	<423	<0.43	1,070
DPT-12-SO-(1-3)	1,920	*1,460**	757
DPT-12-SO-(1-3) duplicate	3,560	*937**	1,550

Notes:

All values are in milligrams per kilogram.
Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL.
* Neither concentration exceeded residential Risk-based Target Levels (RBTL). See the text above for additional discussion.

DPT Direct-push technology
EPA U.S. Environmental Protection Agency
LDTL Lowest Default Target Level
MRBCA Missouri Risk-based Corrective Action
RSL Regional Screening Level
SO Soil
TPH Total petroleum hydrocarbons

Metals

Metals were detected in the surface soil samples. Arsenic and lead were detected at levels exceeding the MRBCA LDTLs and both EPA residential and industrial RSLs. Surface soil sample DPT-12-SO-(1-2) exceeded the average concentrations in St. Louis County for both arsenic and lead concentrations; however, each detected concentration was within the associated standard deviation in the County, 3.307 mg/kg (USGS 2020). Concentrations of metals in surface soils are consistent with average background concentrations from the County. Table 6 lists metals detections in surface soil samples.

TABLE 6

**DETECTED METALS RESULTS FROM SURFACE SOIL SAMPLE
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI**

Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead
	MRBCA LDTL				
	3.89	**2,040**	**9.31**	**74,600**	**3.74**
	EPA RSL (Residential Soil)				
	0.68	**1,500**	**7.1**	**NE**	**400**
	EPA RSL (Industrial Soil)				
	3	**22,000**	**98**	**NE**	**800**
	USGS St. Louis County Average (USGS 2020)				
	10.561	**NE**	**NE**	**NE**	**40.95**
DPT-11-SO-(2-3)	*11.7*	179	ND	25.3	*29.5*
DPT-12-SO-(1-3)	***10.7***	175	0.67	14.7	***42.4***
DPT-12-SO-(1-3) duplicate	*7.2*	151	0.77	16.8	*38.5*

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 background concentration. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL.

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

4.3 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

Several VOCs were detected in subsurface samples DPT-11-SO-(12-13), DPT-12-SO-(5-6), and DPT-14-SO-(13-14), but none at concentrations exceeding the residential MRBCA RBTLs. Sample DPT-11-SO-(12-13), no detected concentrations exceeded regulatory benchmarks. Naphthalene concentration in sample DPT-12-SO-(5-6) exceeded the MRBCA LDTL and the EPA residential RSL, but did not exceed the MRBCA RBTL for residential land use for subsurface clayey soils. Sample DPT-14-SO-(13-14) reported levels of *cis*-1,2-dichloroethene (DCE) and trichloroethene exceeding the MRBCA LDTL (and also the residential RSL

in the case of trichloroethene), but not the RBTLs for the compounds. Table 7 lists all VOC detections in subsurface soil.

TABLE 7

DETECTED VOC RESULTS FROM SUBSURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**1,2-Dichloroethene (Total)**	***cis*-1,2-Dichloroethene**	**Isopropyl benzene**
	MRBCA LDTL				
	180	**108**	**521**	**521**	**10,500**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)				
	3,770	**8,900**	**7,010**	**7,010**	**33,200**
	EPA RSL (Residential Soil)				
	3,600	**23,000**	**16,000**	**16,000**	**190,000**
	EPA RSL (Industrial Soil)				
	16,000	**100,000**	**230,000**	**230,000**	**990,000**
DPT-11-SO-(12-13)	<170	*<170*	<170	<170	353
DPT-12-SO-(5-6)	*<989*	*<989*	*<989*	*<989*	4,770
DPT-14-SO-(13-14)	5.1	10.8	*1,090**	*1,090*	<3.9

Sample Location	**Naphthalene**	**n-Butylbenzene**	**n-Propylbenzene**	**p-Isopropyltoluene**	**sec-Butylbenzene**	**Trichloroethene**
	MRBCA LDTL					
	325	**41,600**	**13,000**	**271,000**	**35,200**	**141**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)					
	84,500	**384,000**	**131,000**	**3,580,000**	**213,000**	**5,040**
	EPA RSL (Residential Soil)					
	2,000	**390,000**	**380,000**	**NE**	**780,000**	**410**
	EPA RSL (Industrial Soil)					
	8,600	**5,800,000**	**2,400,000**	**NE**	**12,000,000**	**1,900**
DPT-11-SO-(12-13)	*<341*	554	595	309	318	*<170*
DPT-12-SO-(5-6)	*5,860*	4,100	6,550	<989	2,940	*<989*
DPT-14-SO-(13-14)	<7.8	<3.9	<3.9	<3.9	<3.9	*931*

Notes:

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL.
*Total 1,2-dichloroethene represents the sum of *trans*- and *cis*-1,2-dichloroethene. Because the reported concentration for total and *cis*-1,2-dichloroethene are the same, this indicates that the total result is comprised of only *cis*-1,2-dichloroethene.

DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
MRBCA	Missouri Risk-based Corrective Action
LDTL	Lowest Default Target Level
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
SO	Soil
VOC	Volatile organic compound

SVOCs

Subsurface soil sample DPT-11-SO-(12-13) reported 2-Methylnaphthalene exceeding the MRBCA LDTL. Several SVOCs were detected in DPT-12-SO-(5-6), and exceeded their respective MRBCA LDTLs and EPA RSLs. Further, no reported SVOC detections exceeded their respective MRBCA RBTL. Table 8 lists all SVOC detections in subsurface soil.

TABLE 8

DETECTED SVOC RESULTS FROM SUBSURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	2-Methylnaphthalene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
	MRBCA LDTL					
	7,550	**3,060,000**	**6,120**	**620**	**6,190**	**1,720,000**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)					
	2,030.00	**1,260,000,000**	**440,000,000**	**178,000,000**	**173,000,000**	**$1.55x10^{11}$**
	EPA RSL (Residential Soil)					
	24,000	**1,800,000**	**1,100**	**110**	**1,100**	**NE**
	EPA RSL (Industrial Soil)					
	300,000	**23,000,000**	**21,000**	**2,100**	**21,000**	**NE**
DPT-11-SO-(12-13)	799	<425	<425	<425	<425	<425
DPT-12-SO-(5-6)	*11,600*	3,850	*11,600*	*12,700*	*14,600*	7,630

Sample Location	Benzo(k)fluoranthene	Chrysene	Fluoranthene	Indeno(1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
	MRBCA LDTL						
	62,000	**599,000**	**2,280,000**	**3,770**	**325**	**158**	**1,500**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)						
	3,800,000,000	**595,000,000**	**23,800,000,000**	**9,630,000,000**	**84,500**	**313,000,000**	**24,500,000,000**
	EPA RSL (Residential Soil)						
	11,000	**110,000**	**240,000**	**1,100**	**2,000**	**NE**	**180,000**
	EPA RSL (Industrial Soil)						
	210,000	**2,100,000**	**3,000,000**	**21,000**	**8,600**	**NE**	**2,300,000**
DPT-11-SO-(12-13)	<425	<425	<425	<425	*<425*	*<425*	<425
DPT-12-SO-(5-6)	5,980	11,800	16,900	*6,700*	*7,020*	*11,400*	*16,200*

Notes:

All values are in micrograms per kilogram.

Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL.

DPT Direct-push technology
EPA U.S. Environmental Protection Agency

LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
SO	Soil
SVOC	Semivolatile organic compound

PCBs

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

TPH

TPH-DRO and TPH-GRO was detected in samples DPT-11-SO-(12-13) and DPT-12-SO-(5-6) at levels exceeding both EPA residential and industrial RSLs TPH-DRO was not detected above the laboratory reporting limit in sample DPT-14-SO-(13-14), however the reporting limit exceeds the EPA residential RSL. TPH-ORO was detected in sample DPT-12-SO-(5-6) at a level exceeding the residential RSL. No TPH detections exceeded the RBTL in any samples. Table 6 lists all TPH detections in subsurface soil.

TABLE 9

DETECTED TPH RESULTS FROM SUBSURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	TPH-DRO	TPH-GRO	TPH-ORO
	MRBCA LDTL		
	4,150	**385**	**124,000**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)		
	109,000	**9,620**	**NE**
	EPA RSL (Residential Soil)		
	9.7	**8.2**	**240**
	EPA RSL (Industrial Soil)		
	56	**42**	**3,000**
DPT-11-SO-(12-13)	147	108	<19.5
DPT-12-SO-(5-6)	2,120	*1,460*	1,140
DPT-14-SO-(13-14)	<18.2	0.75	<18.2

Notes:

All values are in micrograms per kilogram.
Italic font indicates the concentration exceeds the LDTL Bold font indicates the concentration exceeds residential land use RBTL. Green highlight indicates the concentration exceeds the EPA residential RSL. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL

DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
ORO	Oil-range organics
RBTL	Risk-based Target Level
RSL	Regional Screening Level
TPH	Total petroleum hydrocarbons

Metals

Metals were detected in all subsurface soil samples. Arsenic was detected at levels exceeding the MRBCA LDTL and one or both EPA RSLs in samples DPT-11-SO-(12-13), DPT-12-SO-(5-6), DPT-12-SO-(27-28), DPT-14-SO-(13-14), and DPT-15-SO-(29-30). None of these concentrations exceeded the average concentration of arsenic in St. Louis County (USGS 2020). Lead was detected in all subsurface at levels exceeding the MRBCA LDTL except in sample DPT-11-SO-(29-30). None of these exceedances were above the average concentration of lead in St. Louis County (USGS 2020). Based on the observed soil type (clayey) and the likely exposure pathway (migration of vapors), no metal was detected at a concentrations exceeding their respective residential RBTL. Table 10 lists metals detections in subsurface soil. Exceedances are italicized.

TABLE 10

DETECTED METALS RESULTS FROM SUBSURFACE SOIL SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Silver
	MRBCA LDTL					
	3.89	**2,040**	**9.31**	**74,600**	**3.74**	**16.2**
	MRBCA RBTL (Residential Land Use Subsurface Clayey Soils)					
	NE	**NE**	**ND**	**NE**	**260**	**NE**
	EPA RSL (Residential Soil)					
	0.68	**1,500**	**7.1**	**NE**	**400**	**39**
	EPA RSL (Industrial Soil)					
	3	**22,000**	**98**	**NE**	**800**	**580**
	USGS St. Louis County Average (USGS 2020)					
	10.561	**NE**	**NE**	**NE**	**40.95**	**NE**
DPT-11-SO-(12-13)	*9.9*	272	<0.6	23.7	*20.5*	<0.85
DPT-11-SO-(29-30)	<9.6	37.3	<4.8	14.9	3.2	<0.67
DPT-12-SO-(5-6)	*6.1*	123	<0.4	16.7	*28.3*	<0.64
DPT-12-SO-(27-28)	*4.2*	39.4	<0.46	31.1	*11.6*	0.57
DPT-13-SO-(29-30)	2.7	48.6	<0.85	23.4	*8.7*	<1.2
DPT-14-SO-(13-14)	*6.7*	81.4	<0.53	16.4	*34.7*	<0.75
DPT-15-SO-(29-30)	*8.8*	515	0.66	35.6	*20.1*	<1.4
DPT-16-SO-(29-30)	2.4	81.6	<0.45	27.5	*8.0*	<0.63

Notes:

All values are in milligrams per kilogram.
Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL. Gold highlight indicates the concentration exceeds both the EPA residential and industrial RSL.

DPT Direct-push technology
EPA U.S. Environmental Protection Agency
MRBCA Missouri Risk-based Corrective Action
LDTL Lowest Default Target Level

NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
SO	Soil
USGS	U.S. Geological Survey

4.4 GROUNDWATER SAMPLES

Two groundwater samples (including two field duplicates) were collected to assess impacts on groundwater from historical and current site activities. Groundwater samples were submitted to Pace for analyses for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals including mercury. Analytical data were compared to MCLs, MRBCA LDTLs, and Tier I RBTLs.

VOCs

Several VOCs were detected in the duplicate groundwater sample pair DPT-20-GW-(25-30), but no concentration exceeded the MRBCA LDTL or EPA MCL for the compound. Several of the reporting limits for non-detected VOCs exceeded the EPA residential RSL. Table 11 lists all VOC detections in groundwater.

TABLE 11

DETECTED VOC RESULTS FROM GROUNDWATER SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	2-Chlorotoluene	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroform	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Toluene	Xylene (Total)
	EPA MCL																		
	NE	**5**	**NE**	**NE**	**NE**	**NE**	**5**	**80**	**700**	**NE**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**1,000**	**10,000**
	MRBCA LDTL																		
	0.689	**5**	**61.9**	**4.75**	**NE**	**2,970**	**5**	**8**	**700**	**330**	**5**	**1.09**	**98.9**	**115**	**NE**	**106**	**103**	**1,000**	**10,000**
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)																		
	2,880	**3,650**	**3,330,000**	**65,500**	**NE**	**61,200,000**	**1,740**	**491**	**117,000**	**6,560**	**40,800**	**4,200**	**536**	**18,500**	**NE**	**727**	**634**	**873,000**	**20,300**
DPT-11-GW-(25-30)	*2.0*	<1	<1	<10	24.7	14.3	<1	2.8	2.9	27.4 J+	<1	<10	22.9 J+	52.6 J+	16.0 J+	15.0 J+	2.1 J+	<1	<3
DPT-11-GW-(25-30) duplicate	<1	2.6	<1	*19.5*	<10	<10	<1	2.6	3.2	28.6 J+	2.8	<10	22.5 J+	51.5 J+	15.5 J+	14.3 J+	1.9 J+	<1	<3
DPT-12-GW-(24-29)	<1	<1	1.0	<10	<10	13.4	*7.1*	<1	38.4	20.8	<1	*17.6*	7.2	21.4	4.6	5.2	<1	5.6	14.0
DPT-12-GW-(24-29) duplicate	<1	<1	<1	<10	<10	<10	*6.5*	<1	30.4	14.4	<1	*14.6*	4.3	13.2	2.6	3.1	<1	4.8	10.9

Notes:

All values are in micrograms per liter.
Italic font indicates the concentration exceeds the LDTL. Green highlight indicates the concentration exceeds the EPA residential RSL

DPT	Direct-push technology
EPA	U.S. Environmental Protection Agency
GW	Groundwater
J+	Estimated result. The actual concentration may be lower than reported.
LDTL	Lowest Default Target Level
MCL	Maximum Contaminant Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based target level
VOC	Volatile organic compound

SVOCs

Detected in groundwater sample DPT-11-GW-(25-30) were 2,4-dimethylphenol, 2-methylnaphthalene, and naphthalene. Of those detections, 2-methylnaphthalene and naphthalene concentrations exceeded their MRBCA LDTLs. Naphthalene concentrations also exceeded the EPA Maximum Contaminant Level (MCL). No SVOCs were detected at levels exceeding groundwater MRBCA RBTLs for residential land use and in clayey soils. Table 12 lists all SVOC detections in groundwater.

TABLE 12

DETECTED SVOC RESULTS FROM GROUNDWATER SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI

Sample Location	2,4-Dimethylphenol	2-Methylnaphthalene	Naphthalene
	EPA MCL		
	NE	**NE**	**70**
	MRBCA LDTL		
	289	**11.7**	**1.09**
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)		
	40,800,000	**47,200**	**4,200**
DPT-11-GW-(25-30)	12.7	*28.2*	***119***

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.

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
RBTL	Risk-based target level
SVOC	Semivolatile organic compound

PCB

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

TPH

Detections of TPH occurred in both duplicate sample pairs. No TPH concentrations exceeded MRBCA LDTLs. Table 13 lists all TPH detections in groundwater.

TABLE 13

**DETECTED TPH RESULTS FROM GROUNDWATER SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI**

Sample Location	TPH-DRO (mg/L)	TPH-GRO (µg/L)	TPH-ORO (mg/L)
	MRBCA LDTL		
	34.3	**18,100**	**31.8**
DPT-11-GW-(25-30)	14.3	6,280	1.8
DPT-11-GW-(25-30) duplicate	5	4,690	<0.95
DPT-12-GW-(24-29)	1	2,680	<1
DPT-12-GW-(24-29) duplicate	1.4	2,490	<1.2

Notes:

µg/L	Micrograms per liter
DPT	Direct-push technology
DRO	Diesel range organics
GRO	Gasoline range organics
GW	Groundwater
LDTL	Lowest Default Target Level
mg/L	Milligrams per liter
MRBCA	Missouri Risk-based Corrective Action
ORO	Oil range organics
TPH	Total petroleum hydrocarbons

Metals

Several metals were detected in both duplicate pair groundwater samples. Results from total metals analysis indicated levels of naturally occurring arsenic, barium, cadmium, chromium, lead, mercury and selenium which exceeded regulatory benchmarks. Concentrations of metals in the unfiltered (total) metals samples were much higher than those in the filtered (dissolved) metals samples suggesting that the bulk of the metals detected in the total metals samples was from suspended sediment in the sample. No dissolved metal was detected at concentrations exceeding the MRBCA LDTLs. Table 14 lists all metals detections in groundwater.

TABLE 14

**DETECTED METALS RESULTS FROM GROUNDWATER SAMPLES
PINE LAWN, 6310 NATURAL BRIDGE ROAD, PINE LAWN, MISSOURI**

Sample Location	Arsenic	Barium	Cadmium	Chromium*	Lead	Mercury	Selenium
	EPA MCL						
	10	2,000	5	100	15	2	50
	MRBCA LDTL						
	10	2,000	5	100	15	50.7	50
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)						
	158	1,120,000	625	8,380,000	NE	87.7**	50
Total Metals							
DPT-11-GW-(25-30)	*59.2*	*5,340*	<5	*286*	*376*	1	<15
DPT-11-GW-(25-30) duplicate	*59.5*	*5,710*	<5	*308*	*314*	1	<15
DPT-12-GW-(24-29)	*92.7*	*13,900*	*9*	*528*	*469*	*2.1*	33.4
DPT-12-GW-(24-29) duplicate	*101*	*12,600*	*7.7*	*519*	*480*	1.9	36.1
Dissolved Metals							
DPT-11-GW-(25-30)	<10	412	<5	<5	<10	<0.2	<15
DPT-11-GW-(25-30) duplicate	<10	402	<5	<5	<10	<0.2	<15
DPT-12-GW-(24-29)	<10	372	<5	<5	<10	<0.2	<15
DPT-12-GW-(24-29) duplicate	<10	373	<5	<5	<10	<0.2	<15

Notes:

All values are in micrograms per liter.
Italic font indicates the concentration exceeds the LDTL.
* Target Level based on total chromium.
** Target Level based on inhalation.

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

4.5 QUALITY CONTROL SAMPLES

The Pine Lawn project included six properties that were sampled sequentially during the same week of field work. The samples were packed into coolers together and not separated by site; therefore, the QC samples apply to each of the six Pine Lawn sites sampled for this project. Eleven trip blanks were included in the Phase II ESA to determine whether contamination had been introduced during transportation of containers and samples. Five field blanks were 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, field blanks, and equipment rinsate sample were associated with not only the subject property, but also the other Pine Lawn addresses included in the overall investigation (4311 and 4315 Jennings Station Road and 6109, 6128, 6261, and 6305 Natural Bridge Road). Pace analyzed trip blanks for VOCs. The field blanks and the equipment rinsate sample were analyzed for VOCs, SVOCs, PCBs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). Toluene was detected in all seven trip blanks included with soil samples at concentrations ranging from 8.1 to 9.5 mg/kg; however, toluene was not detected in any sample collected at the subject property. Toluene is a common solvent and may have been introduced to the blank at the laboratory. No other VOC was detected in any of the trip blanks. Barium was detected in one of the field blanks at 10.2 micrograms per liter (µg/L, suggesting that some barium may have been added to samples as a result of cross-contamination from field equipment. As a result, concentrations of barium detected in samples collected from the subject property may be biased high; that is, the concentration of barium in the sample may actually be lower than reported due to the contribution from cross-contamination. Because concentrations of barium did not exceed LDTLs, the detection of barium in the field blank does not impact the conclusions of this report. No other VOCs, SVOCs, PCBs, TPH, or metals were detected in any field blank samples. No VOCs, SVOCs, PCBs, TPH, or metals were detected in the equipment rinsate sample.

One duplicate soil and one duplicate groundwater sample were collected to determine total method precision. The RPDs were used for informational purposes only. 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 E.

5.1 GPR SURVEY

EWI identified and marked several areas of anomalies, which appeared to be a drain line, a brick foundation, and multiple unidentified lines running in various directions throughout the area. In addition to the utilities, four areas of disturbed soil were identified, suggesting the possibility of USTs on-site. The results of soil and groundwater sampling suggest that no environmental impact has resulted from the potential presence of USTs.

5.2 SURFACE SOIL

VOCs, SVOCs, TPH, and metals were detected in surface soil, but none at concentrations that exceeding Tier 1 residential RBTLs for silty surface soil for any exposure pathway (dermal contact, ingestion, or outdoor inhalation).

Acetone, a common laboratory contaminant, was reported in surface soil sample DPT-29-SO-(0-2), but not at levels exceeding regulatory benchmarks. Several VOCs were detected in the duplicate pair DPT-12-SO-(1-3) with only naphthalene concentrations exceeding its respective MRBCA LDTL and EPA RSLs. None of these concentrations exceeded residential Tier 1 RBTLs for surface soil (silty soils) for any exposure pathway.

Several SVOCs were detected in surface soil samples, with only concentrations of 2-methylnaphthalene exceeding MRBCA LDTLs and naphthalene exceeding MRBCA LDTLs and EPA RSLs in the duplicate pair DPT-12-SO-(1-3). DPT-11-SO-(2-3) had a detection of benzo(a)pyrene which exceeded the EPA residential RSL. No concentrations exceeded residential RBTLs for surface soil for any exposure pathway.

Detection of TPH-ORO was detected in all three surface soil samples at a level that exceeded the EPA residential RSL. Detection of TPH-DRO and TPH-GRO occurred in sample pair DPT-12-SO-(1-3) at levels exceeding the MRBCA LDTL and the EPA RSLs, but not the residential RBTL for surface soil for any exposure pathways.

Metals were detected in the surface soil samples. Arsenic and lead were detected at levels exceeding the MRBCA LDTL and also both the EPA residential and industrial RSLs in the case of Arsenic. In surface soil

sample DPT-12-SO-(1-2), arsenic and lead concentrations also exceeded their average concentrations in St. Louis County, but detected concentrations were within the associated standard deviation according to the USGS (USGS 2020).

5.3 SUBSURFACE SOIL

VOCs, SVOCs, TPH, and metals were detected in subsurface soil, but none at concentrations that exceeding Tier 1 residential RBTLs for clayey subsurface soil.

Several VOCs were detected in subsurface samples DPT-11-SO-(12-13), DPT-12-SO-(5-6), and DPT-14-SO-(13-14). Sample DPT-11-SO-(12-13) did not detect concentrations exceeding regulatory benchmarks. Naphthalene concentrations in sample DPT-12-SO-(5-6) exceeded the MRBCA LDTL and the EPA residential RSL, but did not exceed the MRBCA RBTL for residential land use for subsurface clayey soils. Sample DPT-14-SO-(13-14), reported concentrations of *cis*-1,2-dichloroethene and trichloroethene (also the residential RSL in the case of trichloroethene) exceeding the MRBCA LDTL, but not the RBTL.

Subsurface soil sample DPT-11-SO-(12-13) detected 2-methylnaphthalene, but not at concentrations exceeding the regulatory benchmark. Several SVOCs were detected in DPT-12-SO-(5-6). Many of these detections exceeded their respective MRBCA LDTLs and one or both EPA RSLs. No SVOCs were detected at levels exceeding their respective MRBCA RBTL in any subsurface soil samples.

TPH-DRO and TPH-GRO were detected in subsurface soil samples DPT-11-SO-(12-13) and DPT-12-SO-(5-6) at levels exceeding both EPA residential and industrial RSLs TPH-ORO was detected in sample DPT-12-SO-(5-6) at a level exceeding the residential RSL. . No TPH detection exceeded an RBTL in any samples.

Metals were detected in all subsurface soil samples. Arsenic was detected at levels exceeding the MRBCA LDTL and one or both EPA RSLs in samples DPT-11-SO-(12-13), DPT-12-SO-(5-6), DPT-12-SO-(27-28), DPT-14-SO-(13-14), and DPT-15-SO-(29-30). None of these concentrations exceeded the average concentration of arsenic in St. Louis County (USGS 2020). Lead was detected in all subsurface samples at levels exceeding the MRBCA LDTL except for sample DPT-11-SO-(29-30). None of these exceedances were above the average concentration of lead in St. Louis County (USGS 2020). Based on the observed soil type (clayey) and the likely exposure pathway (migration of vapors), no metal was detected at a concentration that exceeded its residential RBTL.

5.4 GROUNDWATER

VOCs, SVOCs, and TPH were detected in groundwater, but none at a concentrations exceeding Tier 1 RBTLs for any exposure pathway. No dissolved metals were detected in groundwater at concentrations exceeding Tier 1 RBTLs for any exposure pathway.

No TPHs or VOCs were detected in the duplicate groundwater sample pairs at concentrations exceeding any regulatory benchmarks. Groundwater sample DPT-11-GW-(25-30) detected concentrations of 2,4-dimethylphenol, 2-methylnaphthalene, and naphthalene. Of those, 2-methylnaphthalene and naphthalene concentrations exceeded their respective MRBCA LDTLs with naphthalene also exceeding the EPA Maximum Contaminant Level (MCL). No SVOCs were detected at levels exceeding groundwater MRBCA RBTLs for residential land use in clayey soils.

Several metals were detected in both duplicate pair groundwater samples. As discussed in Section 4, results from total metals analysis indicated levels of naturally occurring arsenic, barium, cadmium, chromium, lead, mercury and selenium that exceeded regulatory benchmarks. Concentrations of metals in the unfiltered (total) metals samples were much higher than those in the filtered (dissolved) metals samples, suggesting that the bulk of the metals detected in the total metals samples was from suspended sediment in the sample. No dissolved metals were detected at concentrations exceeding regulatory benchmarks.

5.5 EVALUATION OF PREVIOUSLY IDENTIFIED RECS

This section discusses and evaluates the previously identified RECs reported in the July 2019 Phase I ESA (Terracon 2019). Based on results of soil and groundwater sampling, the subject property does not appear to have been impacted from the historical auto servicing activities at the subject property or from the historical use at the adjacent property from a filling station and automotive and boat servicing operations.

5.6 AFFECTED MEDIA

Sampling results during this Phase II ESA indicated presence of VOCs, SVOCs, TPH, and metals in soil and groundwater at the subject property. Some metals concentrations exceeded LDTLs and EPA RSLs in soil and groundwater. The LDTLs largely relate to protection of groundwater or use of groundwater as a drinking water source. As such, concentrations of metals were consistent with background concentrations in St. Louis County. Groundwater is not currently used as a drinking water source in Pine Lawn (see Section 2.2.2).

Based on the observed soil type (silty for surface soil and clayey for subsurface soil) for any of the exposure pathways for surface soil, no concentrations of VOCs, SVOCs, or TPH in soil or groundwater exceeded residential RBTLs. MRBCA RBTLs are the cleanup levels in place for the MDNR Brownfields/Voluntary Cleanup Program.

The current owner of the subject property, City of Pine Lawn, is interested in developing the parcel for commercial purposes dependent on the findings from this Phase II ESA. The subject property in the northwestern suburbs of St. Louis, Missouri, is surrounded by single-family residential properties and commercial businesses. Based on analytical results from soil and groundwater and given the planned commercial development of the subject property, further investigation and/or remediation does not appear warranted. If the soil is to be disturbed or the building is to be demolished during redevelopment, a soil management plan may be required to protect construction or utility workers.

Consideration should also be given to conclusively locating USTs through more detailed geophysical surveys with GPR or magnetometry and removing any USTs that are located prior to redevelopment of the subject property, as these may be an ongoing source of contamination or a potential new source of contamination of USTs are ruptured. Removal of USTs and contamination in subsurface soil may prevent migration of contaminants to groundwater.

6.0 REFERENCES

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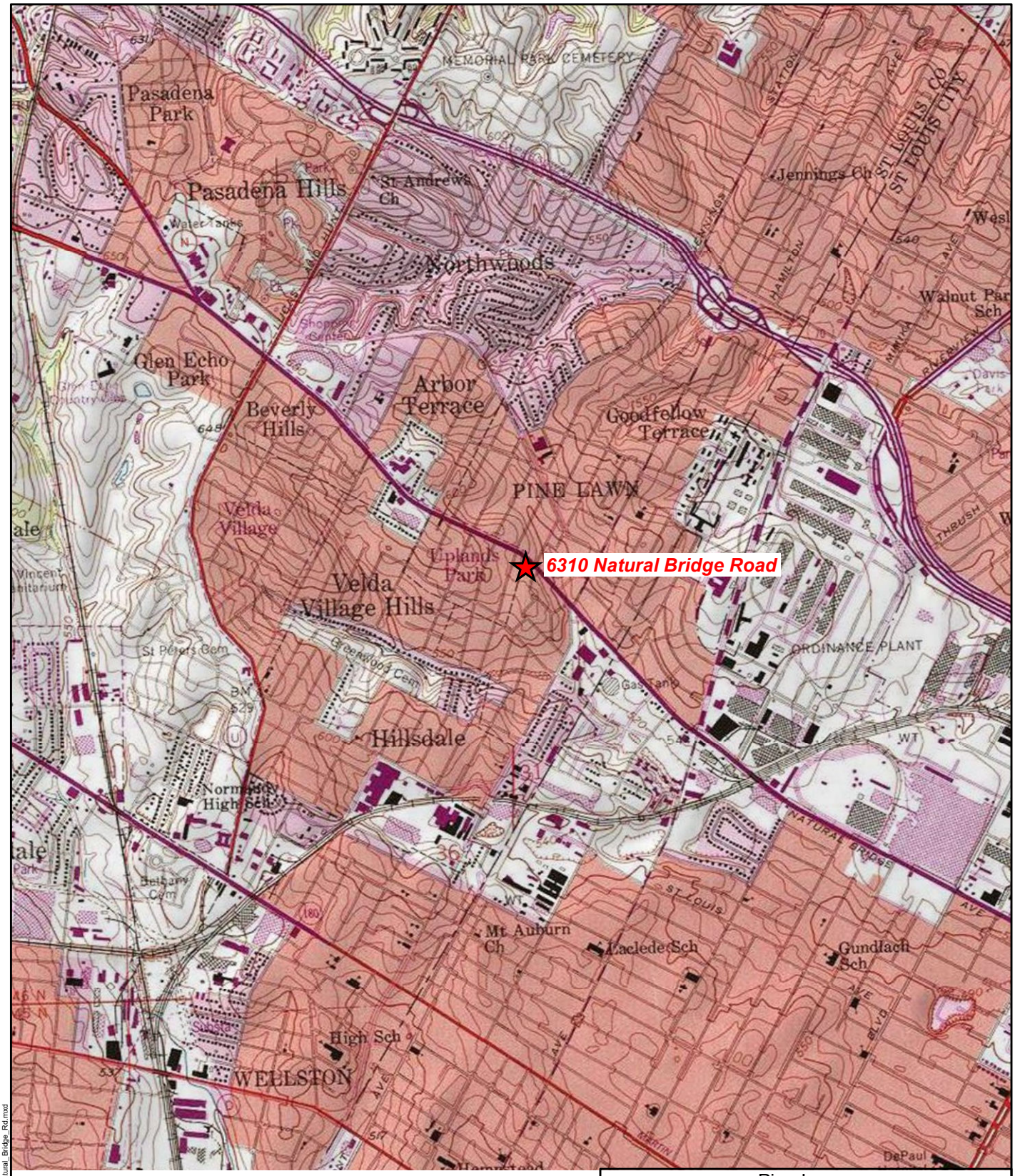
APPENDIX A

FIGURES



N

0 1,000 2,000

Feet

Source: USGS Clayton, MO 7.5 Minute Topo Quad, 1993

Pine Lawn
6310 Natural Bridge Road
Pine Lawn, Missouri

Figure 1
Site Location Map

TETRA TECH

Date: 10/13/2020 Drawn By: Nick Wiederholt Project No: 103G65210190.02.03.07

X:\P65210190\02\Projects\mxd\Phase II\Figure1_6310_Natural_Bridge_Rd.mxd

Legend

- DPT soil sample location
- DPT soil/groundwater sample location
- Drain
- DPT Direct push technology
- Brick foundation
- Possible underground line
- Underground sewer line
- Approximate site boundary
- Disturbed area

Source: Esri, ArcGIS Online, World Imagery, 2017

Pine Lawn
6310 Natural Bridge Road
Pine Lawn, Missouri

Figure 2
Sample Location Map

TETRA TECH

Date: 10/20/2020 Drawn By: Nick Wiederholt Project No: 103G65210190.02.03.07

X:\P\65210190\02\Projects\mxd\Phase II\Figure2_6310_Natural_Bridge_Rd.mxd

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: Southeast	DESCRIPTION	This photograph shows the 6310 Natural Bridge Road (NBR) site (the site).	1
	CLIENT	U.S. Environmental Protection Agency (EPA)	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: Northeast	DESCRIPTION	This photograph shows an area where disturbed soils (D1) were identified during the ground penetrating radar (GPR) survey. D1 is at the north corner of the site.	2
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows an area where disturbed soils (D2) were identified during the GPR survey. D2 is at the northeast corner of the site near the road.	3
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows an area where disturbed soils (D3) were identified during the GPR survey. D3 is in the central portion of the site near D2.	4
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows an area where disturbed soils (D4) were identified during the GPR survey. D4 is in the central portion of the site near and southwest of D3.	5
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows an area where disturbed soils D3 and D4 were identified during the GPR survey. D3 is in the background and D4 is in the foreground.	6
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: North	DESCRIPTION	This photograph shows markings of several GPR-identified anomalies including a drain with line departing from it in the foreground and D3 and D4 in the middle background.	7
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: East	DESCRIPTION	This photograph shows markings of the GPR-identified drain and line departing from it. The drain is in the north-northwest-central portion of the site.	8
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: East	DESCRIPTION	This photograph shows markings of the GPR-identified drain line and D3.	9
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: South	DESCRIPTION	This photograph shows a marking of a GPR-identified anomaly in the south portion of the site.	10
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: East-Southeast	DESCRIPTION	This photograph shows markings of GPR-identified anomalies in the south-southeast portion of the site.	11
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: Northwest	DESCRIPTION	This photograph shows soil boring (SB) direct-push technology (DPT)-11 near D1 at the north corner of the site.	12
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-11 within 0-5 feet (ft) below ground surface (bgs).	13
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-11 within 10-15 ft bgs. The photoionization detector (PID) identified volatiles throughout the entire core. The highest reading was 245.7 parts per million (ppm).	14
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-11 within 15-20 ft bgs. The PID identified volatiles within 15-17 ft bgs. The highest reading was 23.6 ppm.	15
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-11 within 27.5-30 ft bgs.	16
	CLIENT	EPA	DATE 9/22/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

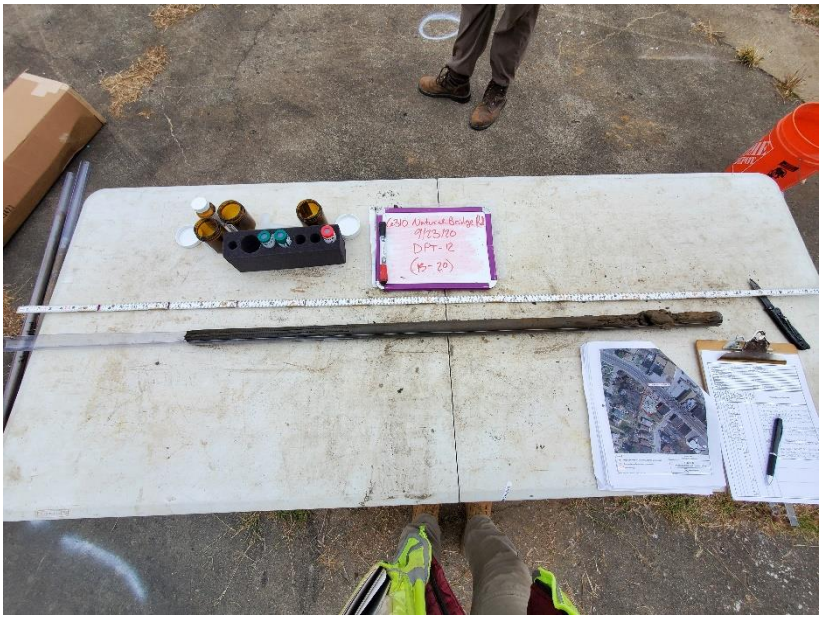
SUBTASK NO. 02.03.07 DIRECTION: North	DESCRIPTION	This photograph shows SB DPT-12 in the northeast portion of the site and southeast of D2.	17
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 0-5 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 800.7 ppm.	18
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 5-10 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 1,904 ppm.	19
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 10-15 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 1,904 ppm.	20
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri



SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 15-20 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 4.8 ppm.	21
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 20-25 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 12.1 ppm.	22
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-12 within 25-28 ft bgs. The PID identified volatiles within 25-26 ft bgs. The highest reading was 0.1 ppm.	23
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: Northwest	DESCRIPTION	This photograph shows SB DPT-13, as indicated by the circle between D3 and D4.	24
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-13 within 0-5 ft bgs.	25
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-13 within 29-30 ft bgs.	26
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: West-Northwest	DESCRIPTION	This photograph shows SB DPT-14 in the west-southwest portion of the site.	27
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

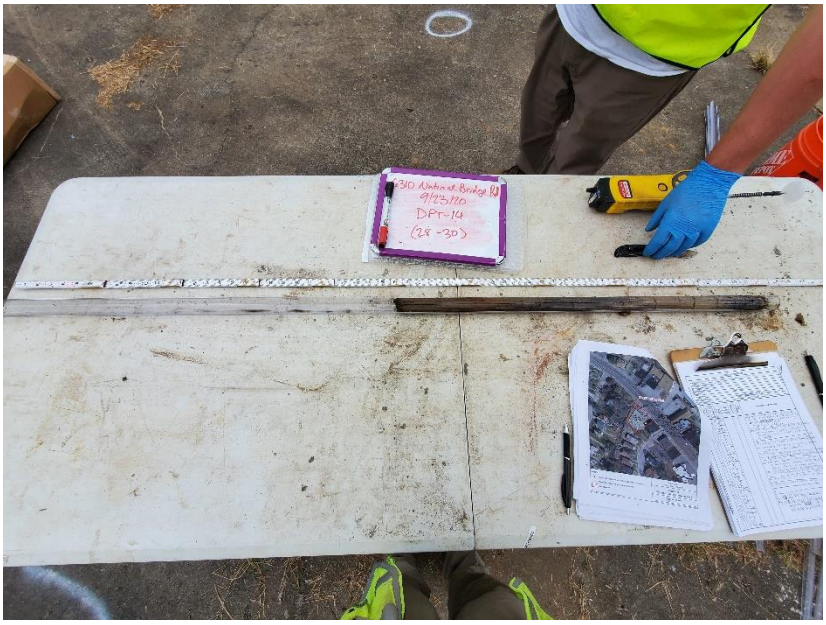
SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-14 within 0-5 ft bgs. The PID identified volatiles within 1-5 ft bgs. The highest reading was 56 ppm.	28
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-14 within 10-15 ft bgs. The PID identified volatiles within 13-15 ft bgs. The highest reading was 3.4 ppm.	29
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-14 within 15-19 ft bgs. The PID identified volatiles throughout the entire core. The highest reading was 3.4 ppm.	30
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-14 within 19-22 ft bgs. The PID identified volatiles within 19-20 ft bgs. The highest reading was 1 ppm.	31
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	



SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-14 within 28-30 ft bgs.	32
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

Phase II Targeted Brownfields Assessment
6310 Natural Bridge Road – Pine Lawn, Missouri

SUBTASK NO. 02.03.07 DIRECTION: West	DESCRIPTION	This photograph shows SB DPT-15 at the south corner of the site.	33
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-15 within 0-5 ft bgs. The PID identified volatiles within 0-3 ft bgs. The highest reading was 2.5 ppm.	34
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-15 within 27-30 ft bgs.	35
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: West	DESCRIPTION	This photograph shows SB DPT-16 in the east portion of the site.	36
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-16 within 0-5 ft bgs.	37
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

SUBTASK NO. 02.03.07 DIRECTION: NA	DESCRIPTION	This photograph shows a soil core from SB DPT-16 within 25-30 ft bgs.	38
	CLIENT	EPA	DATE 9/23/2020
	PHOTOGRAPHER	Stephanie Caples	

APPENDIX C

SITE LOGBOOK AND SOIL BORING LOGS

9/21/20

0800 Stephanie Caples & Thomas Haley mobilizing to St. Louis for Pine Lawn Work. Weather: Sunny, high of 77°F.

1300 Arrived at the 6128 Natural Bridge Rd. Site. Met EWI staff. GPR work completed during our mobilization (Except for interior GPR work).

1323 Reviewed GPR surveyed area for this location. Some anomalies located throughout the former building footprint. A possible former UST location identified on the N-corner of the former lot near the current gas station (≈ 13'x10').
GPS: 38.689831 -90.276864

1333 Began drilling DPT-1
GPS: 38.689445 -90.276443

1411 Collected sample
DPT-1-SO-(5.5-6.5).
Sample placed on ice immidiately.

9/21/20

1412 Moved to DPT-2.
GPS: 38.689638 - 90.276164

1447 Moved to DPT-3.
GPS: 38.689689 -90.276405

1520 Moved to DPT-4.
GPS: 38.689911 -90.276486

1526 Collected sample
DPT-2-SO-(3-5)
Sample placed on ice immidiately.

1556 Moved to DPT-5.
GPS: 38.689704 -90.276750

1606 Collected sample
DPT-3-SO-(28-28.8).
Samples placed on ice immidiately.
DPT-3-SO-(28-28.8)-FD.

1641 Collected sample
DPT-4-SO-(28-29).
Sample placed on ice immidiately.

1700 Obstruction at ≈ 15' bgs at DPT-5. Offset ≈ 5' & redrilled. Same obstruction found at same depth.

9/21/20

resulting in broken equipment
Could not offset to the
east due to sewer line.
Moving parts boring to the proposed
location closer to the
gas station. ~~[illegible]~~ will now be where
disturbed soils are
located. DPT-5 new
GPS: 38.689742 - 90.277013

1710 Placed soil trip blank in
cooler: [Pine Lawn - SO - TB1].

1740 Collected sample
[DPT-5 - SO - (15-16)].
Sample placed on ice
immediately.

1752 Field blank made & placed
in cooler: [Pine Lawn - FB1].

1812 Temporary casing left
down-hole in all borings.
Top of casing sawed off
to ground surface & plugged. Will be allowed
to recharge overnight
& will sample GW in
the morning.

1827 All wrapped up at the

9/21/20

Site. EWI departed.
Headed to Pace Courier
drop location.

1851 Dropped samples off at
Courier.

1922 End of Day

[signature]
9/21/20

9/22/20

0730 Arrived on-site. Weather partly cloudy, high of 77°F.

0800 Site safety meeting.

0823 Moved to DPT-6: GPS 38.6894863 -90.2768857 Cones set up around geoprobe to block traffic out of the area of GPR identified disturbed soils.

0946 Attempted to sample GW from DPT-1 but well was dry. Only ≈ 25ml at bottom.

0925 Collected sample DPT-6-SO-(15-16). Sample placed on ice immidiately.

0930 Collected sample DPT-5-GW-(15-20). Sample placed on ice immidiately. Purged ≈1 gal of water prior to sampling.

1011 Collected sample #

9/22/20

DPT-6-GW-(15-20). Purged ≈ 1gal of water prior to sampling. Sample placed on ice immidiately.

1023 DPT-2: Bailer dropped down-hole. Attempting to fish it out. Water is available down-hole.

1058 DPT-3 is dry. Moving on.

1059 DPT-2 bailer retrieved successfully. Will continue to purge + attempt a GW sample.

1102 Collected sample DPT-2-GW-(24-29). Purged ≈ 1gal water prior to sampling. Sample placed on ice immidiately.

1120 DPT-4 was dry.

1145 Asphault patched, borings plugged. Headed to 6109 NBR.

1203 Conducted walk through of area + an overview of GPR work

9/22/20

conducted yesterday.
Several anomalies
noted (noted on map).
Nothing significant.
GPS: 38.689792 -90.275177
38.689658 -90.275173
38.689557 -90.275253

1208 Set up on DPT-7.
GPS: 38.689452 -90.275277

1215 Collected Sample
DPT-7-SO-(2-3).
Sample placed on ice immidately.

1255 Collected Sample
DPT-7-SO-(29-30).
Sample placed on ice
immideately.

1257 Moved to DPT-8.
GPS:

1305 Collected Field Blank.
Pine Lawn-FB2. Sample
placed on ice immedectely.

1322 Trip blank added to
cooler w/ 6128 NBR
samples in them.
Pine Lawn-GW-TB2.

1336 Collected an Equipment

9/22/20

rinsate blank from
a clean drill tip.
Pine Lawn [redacted]-RB.

1343 Trip blank added to
cooler.
Pine Lawn - SO [redacted] - TB3.

1345 Began drilling DPT-8.
GPS: 38.689606 -90.275264

1447 Collected Sample
DPT-8-SO-(29-30) &
DPT-8-SO-(29-30)-FD.
Samples placed on ice
immideately.

1457 Moved to DPT-9.
GPS: 38.68[redacted]18 -90.275110

1546 Collected sample
DPT-9-SO-(29-30).
Sample placed on ice
immideately.

1555 Moved to DPT-10.
GPS: 38.689539 -90.274985

1642 Collected Sample
DPT-10-SO-(29-30).
Sample placed on
ice immideately.

1710 Mobalizing to 6310 NBR.

9/22/20

Temp casing will be left in borings overnight to allow for recharge.

1730 Added soil TB to cooler [Pine Lawn - SO - TBH].

1731 Began drilling DPT-11. GPS: 38.692802 -90.279598

1735 Conducted GPR walk through of site. Several anomalies detected including a drain line, 4 disturbed areas, a brick foundation, and multiple lines running in various directions throughout the area. GPS as follows in alternate entry.

1741 Collected Sample [DPT-11-SO-(2-3)]. Sample placed on ice immidiately.

1751 Collected Sample [DPT-11-SO-(12-13)] based on high PID reading (245.7 PPM) + odor + color. Sample placed on ice immidiately.

9/22/20

1817 EWI heading out.

1822 Collected Sample [DPT-11-SO-(29-30)]. Sample placed on ice immidiately.

1837 Departing site + heading to the Pace Courier drop off.

1858 Dropped off coolers at courier.

1927 End of day.

Sinia 9/22/20

9/23/20

0650 Arrived on-site at 6109 NBR to wrap up GW Sampling.
Weather: Cloudy, high of 75°F

0700 Site safety meeting.

0708 Attempting to sample DPT-7 & DPT-8.

0716 DPT-8 is dry. DPT-7 is producing but not much.

0718 Moved to DPT-9.

0720 DPT-7 is dry. Moving to DPT-10.

0727 DPT-10 is dry.

0730 PPT-9 is dry. Produced a little & ran dry before 0.5gal was purged.

0732 Backfilling & patching borings.

0811 Mobalized to 6310 NBR.

0828 Set up on DPT-12. Moved boring a bit closer to the road due to overhead power line.
GPS: 38.692774 -90.279468

0841 Collected Sample

DPT-12-SO-(1-3).
High PID reading & strong petroleum odor.

DPT-12-SO-(1-3)-FD.
Samples placed on ice immideately.

0857 Moved to DPT-13.
GPS: 38.692713 -90.279602

0911 Collected Sample
DPT-12-SO-(5-6).
Sample placed on ice immideately.

0935 Moved to DPT-14.
GPS: 38.692666 -90.279753

0937 Collected Sample
DPT-12-SO-(27-28).
Sample placed on ice immideately.

1011 Collected Sample
DPT-13-SO-(29-30).
Sample Placed on ice immideately.

1026 Moved to DPT-15.
GPS: 38.692574 -90.279616

1050 Collected Sample
DPT-14-SO-(13-14)

9/23/20

Sample placed on ice immideately.

1057 Moved to DPT-16.
GPS: 38.692660 -90.279470

1122 Collected Sample
DPT-15-SO-(29-30).
Sample placed on ice immideately.

1149 Collected Sample
DPT-16-SO-(29-30).
Sample placed on ice immideately.

1203 Bailing DPT-11 for a GW sample. Petroleum odor.

1215 collected samples
DPT-11-GW-(25-30)
DPT-11-GW-(25-30)-FD.
Purged ≈ 1 gal of GW prior to sampling.
The other borings will be left to recharge over night.

1255 Placed soil Trip blank in Cooler. Pine Lawn-SO-TB5.

1302 Anomalies + GPR IDed disturbance at 6310 NBR:

9/23/20

GPS:
D1) 38.692823 -90.279620 2'x2' square
D2) 38.692807 -90.279508 4'x6'
D3) 38.692737 -90.279582 6'x6'
D4) 38.692670 -90.279624 6'x6'

1315 Headed to 6305 NBR to scope out drilling locations.

1353 Created daily field blank. Pine Lawn-FB33

1355 Water trip blank added to cooler.
Pine Lawn-GW-TB6.

1359 Set up on DPT-17.
GPS:

1405 Conducting GPR in basement of building. Only accessable basement/inner area is the SE Building (see map notes). All other Basement areas cannot be drilled due to low ceelings.
In the outside/parking lot area, several anomalies detected

9/23/20

two tanks identified. Tank 1 is in the South-Corner of the property bounds & is approximately 13' x 7' & can be identified by two patched over manways on either end. Tank 2 is also in the South corner of the lot, N-E of Tank 1. Its diminsions are roughly the same, no visible manways, Extends into grass & soil & hillside.

Tank 1 GPS:
38.693003 -90.279300
38.693024 -90.279280
38.693085 -90.279326
38.693069 -90.279345

Tank 2 GPS:
38.693060 -90.279260
38.693097 -90.279220
38.693125 -90.279272
38.693096 -90.279313

Only Anomalies, Rebar reinforcement for the

9/23/20

basement, & a drain line leading to a sump found by GPR in basement accessable by geoprobe.

1500 moved to DPT-18.
GPS: 38.693114 -90.279523

1522 Collected Sample DPT-17-SO-(3-5)1.
Sample placed on ice immidiately.

1532 Walked through the interior post GPR UP on the main floor. Geoprobe could not get access due to low ceelings in some areas, small doorways, & no doors that we can open wide enough to gain entrance. (Main door stuck open only a crack) would have to break down walls to get in. Floors very messy with junk all over them so GPR could not

9/23/20

get great readings in most areas.
A basement line noted by stairwell. Nothing of note. There does not appear to be a basement in most of the building.

1552 Set up at DPT-19.
GPS: 38.693182 -90.279589

1611 Collected sample
DPT-18-SO-(29-30).
Sample placed on ice immidiately.

1629 Moved to DPT-20.
GPS: 38.692952 -90.279322

1638 Collected sample
DPT-19-SO-(29-30).
Sample placed on ice immidiately.

1703 Collected sample
DPT-20-SO-(10-11)
based on PID & Petroleum odor. Sample placed on ice immidiately.

1707 Moved to DPT-21.
GPS: 38.693097 -90.279329

9/23/20

1720 Found edge of Tank bed in first post, offset ≈ 2 ft to the North.

1745 Collected sample
DPT-21-SO-(15-16) &
DPT-21-SO-(15-16)-FD
Samples selected for high PID reading & strong petroleum odor. Samples placed on ice immidiately.

1803 Packing up. Will leave temp wells screened & capped overnight to sample tomorrow & allow for recharge.

1807 Added new TB To Cooler: Pinelawn-SO-TB7.

1830 Departing site & heading for the Pace courier drop location.

1845 Dropped off samples at courier.

1920 End of Day.

SC
9/23/20

9/24/20

0637 Arrived on site.
0700 Site safety meeting
Weather: Sunny, high of 75°F
0726 Set up on DPT-22.
GPS: 38.693147 -90.279241
0740 Collected sample
DPT-22-SO-(0-3).
Sample placed on ice immidentely.
0759 Collected sample
DPT-22-SO-(17-18).
High PID reading + strong petroleum oder.
Sample placed on ice immidentely.
0829 Made up daily field blank Pine Lawn-FB4.
Placed on ice immidenkly.
0830 Placed soil Trip Blank in cooler Pine Lawn-SO-TB8
0838 Moving to DPT-23.
GPS: 38.693338 -90.279000
0852 Encountering clearance problems w/ fully extended mast in basement area.
Extension removed, but

9/24/20

Still not enough clearance to be comfortable with sampling at the SE corner of the building. There appears to be a lower area near the door to the basement. We will move to this location + see if we can get the clearance we need to not damage equiptment / not accidentally punch through the basement ceiling.
0902 Aaron feels comfortable drilling in this location due to extra 6" gained + better manoverability up top w/ fewer obstructions to catch hydraulic lines on.
0944 Collected sample
DPT-23-SO-(24-25).
Sample placed on ice immideately.

9/24/20

09.54 After completing the boring near the entrance, EWI feels more confident & comfortable w/ drilling at the SE end of the building. Moving to check accessability in a slightly different location than before. Basement borings are ≈ 15 ft below grade of the borings in the parking lot.

0958 Removed overhead obstructions & set up on DPT-24.
GPS: 38.693245 -90.279167

1035 Collected Sample
DPT-24-S0-(24-25)
Sample placed on ice immediately.

1050 Reinstalling geoprobe extension & getting ready to mobalize. All borings contain stoppered temp well casing & will be sampled tomorrow. All

9/24/20

temp wells not sampled at this point (DPT-12 to DPT-24) will be sampled tomorrow.

1104 Additional GPS for GPR IDd anomalies:
38.693107 -90.279383 (possible line from UST)
38.693160 -90.279343
38.693232 -90.279511
38.693218 -90.279598
38.693198 -90.279537
38.693188 -90.279596
38.693180 -90.279569
38.693199 -90.279529
38.693204 -90.279515
38.693202 -90.279503
38.693147 -90.279505
38.693135 -90.279526
38.693081 -90.279494
38.693041 -90.279375
38.693282 -90.279210 (basement drain)
38.693251 -90.279114 (basement drain)
38.693203 -90.279077 (basement sump)

1153 Arrived at the 4311/4315 Jennings station Road Sites.

Rite in the Rain

9/24/20

1201 Conducting GPR at 4311 & 4315 JSR Sites.

1211 4315 JSR is very overgrown, eroded & sloped on the N-side, lots of trash & drug materials. At 4311 JSR, the surface soil being near the road will have to be moved due to overhead powerlines. GPR at 4315 JSR will be impossible due to dense foliage.

1217 Possible sewer drain line IDd by GPR in the front drive at 4311 JSR. We will move the proposed sample to the S-side of the found line.
GPS: 38.698826 -90.272145.
Line runs out to street

1220 Setting up for DPT-25
GPS: 38.698805 -90.272144

1249 GPR finished SUR verifying. Only other thing of

note is a possible line found under the asphault of the south end of 4311 JSR running ≈E-W.
GPS: 38.698749 -90.272309
38.698716 -90.272202

1256 Collected sample
DPT-25-SO-(24-25)
Sample placed on ice immidentely.

1305 Moved to DPT-26
GPS: 38.698690 -90.272238

1335 Collected samples
DPT-26-SO-(24-25) &
DPT-26-SO-(24-25)-FD,
Samples placed on ice immidentely.

1337 Moved to DPT-27.
GPS: 38.698761 -90.272396

1419 Moving to DPT-28.
GPS:

1430 Collected sample
DPT-27-SO-(24-30).
Sample placed on ice immidently.

1441 DPT-28 was supposed

9/24/20

to be a surface + subsurface sample, however upon drilling it was determined that this location is part of the paved parking / building area + therefore no surface sample is needed.

1450 Moved to the 4315 JSR property. Moved to DPT-29. GPS:

1528 Moved to DPT-30. GPS:

1530 Collected sample DPT-28-SO-(29-30). Sample placed on ice immidiately.

1538 Collected sample DPT-29-SO-(0-3). Sample placed on ice immediately.

1556 Moved to DPT-31. GPS:

1603 Collected sample DPT-29-SO-(29-30) Sample placed on ice immediately.

9/24/20

1615 Collected sample DPT-30-SO-(0-3). Sample placed on ice immidiately.

1621 Added Trip blank Pine Lawn-GW-TB8 to cooler.

1638 Collected sample DPT-30-SO-(29-30). Sample placed on ice immedeately.

1645 Moved to DPT-32. GPS:

1652 Collected sample DPT-31-SO-(0-3). Sample placed on ice immidiately.

1715 Collected sample DPT-31-SO-(29-30). Sample placed on ice immidiately.

1734 Collected sample DPT-32-SO-(0-3). Sample placed on ice immidiately.

1730 Packed up drill rig. Rain on the Rain

9/24/20

1748 Collected sample
DPT-32-SO-(24.5-25.5)
Sample placed on ice immediately.

1754 Added Trip blank to cooler (Pine Lawn-SO-TB9).

1812 Headed to the Pace courier drop point.

1841 Dropped off samples at Courier drop point.

1920 End of day.

S (
9/24/20

9/25/20

0743 Arrived on site. Weather Sunny, high of 79°F

0815 Site safety meeting. Starting off GW sampling at 6310 NBR then going to 6305 NBR, then to the two JSR sites.

0819 GPS for Drain at 6310 NBR,
38.692728 -90.279649
38.692737 -90.279566
Lost attaching point.

0822 Begining to purge DPT-12 to DPT-13.

0840 Collected sample
DPT-12-GW-(24-29)
DPT-12-GW-(24-29)-FD
Samples placed on ice immidiately. ≈1 gal water purged.

0915 DPT-13 is dry. Moving on to DPT-14.

0928 DPT-14 is dry. Moving on to DPT-15 + DPT-16.

~~0940 Collected Sample DPT-16-GW-(25-30). ≈ 1 gal of water purged. Sample placed on ice.~~ Run on the Run

9/25/20

0955 DPT-15 is Dry.
0957 DPT-16 ran dry before the sample collection could be completed. 1 gal purged successfully + only 3 VOA vials filled before it ran dry.
1003 Patching borings.
1015 Created daily field blank [Pine Lawn - FB5]. Sample placed on ice immediately.
1030 Headed to 6305 NBR.
1037 Setting up on DPT-17 + DPT-18.
1041 DPT-17 is Dry.
1045 DPT-18 is Dry.
1046 Setting up on DPT-20 + DPT-21.
1049 Collecting sample [DPT-20-GW-(25-30)] 2 liters of water per site. Samples placed on ice. [DPT-20-GW-(25-30)-FD].
1052 DPT-21 ran dry. Setting up on DPT-19.
1104 DPT-19 is Dry.

9/24/20

1106 Setting up on DPT-22.
1120 DPT-22 ran dry before a sample could be collected.
[redacted] SC [redacted]
1125 Patching borings.
1135 Adding trip blank to cooler. [Pine Lawn-GW-TB10]
1156 Setting up on DPT-23 + DPT-24.
1211 DPT-24 is Dry.
1220 DPT-23 is Dry. Patching borings.
1230 Headed to the JSR Sites.
1257 Setting up on DPT-32 + DPT-25.
1307 DPT-25 is dry. Setting up on DPT-26.
1309 DPT-26 is dry. Setting up on DPT-27.
1319 DPT-32 is dry.
1320 DPT-26 is purged dry before 1 gal removed.

9/25/20

1321 Setting up on DPT-27 & DPT-28.
1325 DPT-27 is dry.
DPT-28 is dry.
1327 Setting up on DPT-29 & DPT-30.
1328 DPT-30 is dry.
1334 DPT-29 is dry.
1337 Setting up on DPT-31.
Patching borings.
1344 DPT-31 is dry.
1350 Packing up.
1423 Headed to the Pace Courier to drop off samples, extra containers, & extra coolers.
1447 Dropped off Samples & extra containers & coolers. Headed to Pine Environmental to drop off PID.
1515 Heading to KCMA
1923 End of Day.

SC
9/25/20

Boring Log Form

Site Name: Pine Lawn (6310 VBR) **Boring Number:** DPT-11
Date Drilled (Start/Finish): 9/22/20
Drilling Method: DPT
Drilling Company: EWI
Elevation: **Total Depth:** 30 ft bgs
Coordinates:
Depth to Water: **Geologist:** Stephanie Caples
Project Number: **Weather:** Overcast, 73°F

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								DPT-11-SO-(2-3)
SO @ 2-3	0-5	3/5 =60%	0, 0, 0, 0	4				Topsoil & grass on top, some gravel, dry-da[illegible] clay-& silt rich, Dark/med-brown, no[illegible] plas[illegible] st[illegible]. At 3.5 ft bgs: Clay & Silt, m-d-brown, damp, m-stiff, plastic. At 4 ft bgs: becomes moist, soft-m-stiff.
	5-10	2.5/5 =50%	0, 0, 0, 0	5, 8				~~At 4.5 ft bgs: becomes dark brown, soft.~~ At 5 ft bgs: becomes m-brown, very soft, moist-wet, plastic.
SO @ 12-13	10-15	3/5 =60%	0, 0, 1.6, 82.5, 245.7, 175.5, 69.9, 17.9, 18.1	10, 12, 15				At 10 ft bgs: becomes black with a little orange staining, very soft, plastic, moist-wet, very strong petroleum odor. At 15 ft bgs: Becomes dark gray, petroleum odor, m-stiff, plastic, moi[illegible]
	15-20	4/5 =80%	23.6, 4.2, 0.0, 0.0	16, 20				At 16 ft bgs: becomes dark-gray & orange, stiff, moist. At 18.5 ft bgs: becomes stiff to very stiff, orange-m-R-brown w/ gray swirls & a little black, very plastic to plastic, moist.
	20-23	4.5/3 =150%	0.0, 0, 0	20				At 20 ft bgs: becomes m-red brown, very stiff, some black streaks.
	23-25	2/2 =100%	0, 0	23, 24				~~At 23 ft bgs: begins to have gray streaks.~~ At 24 ft bgs: Chert gravel in clay matrix. At 24.25 ft bgs: becomes off white/gray/purple, green gray/orange/black swirls.
	25-27.5	3.5/2.5 =140%	0, 0	25				
SO @ 29-30	27.5-30	3/2.5 =120%	0, 0	27.5, 28, 29				

DPT-11-50-(29-30)

At 28 ft bgs: becomes dark purp + deep red, clay, semi fissile, breaks along plains, pre-shale, damp, very stiff to Hard, not plastic.

At 28.75 ft bgs: becomes soft purple/gray w/ a little pink, Fissile, crumbly, damp.

Pine Lawn

Boring Log Form

Site Name: 6310 NBR **Boring Number:** DPT-12

Date Drilled (Start/Finish): 9/23/20

Drilling Method: DPT

Drilling Company: EWI

Elevation: **Total Depth:** 28 ft bgs.

Coordinates:

Depth to Water: **Geologist:** Stephanie Caples

Project Number: **Weather:** Cloudy / Overcast, 70°F

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
SO @ 1-3	0-5	3.5/5 =70%	302.7					Grass & Top soil first 1 ft, soil smell, dry, crumbly.
			800.7					At 1 ft bgs: Clay & Silt, m-dark brown, dry-damp, stiff-v-stiff, not plastic, strong petroleum odor.
			571.9					
			410.05	4				
			623.9	5				
	5-10	3/5 =60%	1904					At 3ft bgs: moist, plastic, green-d-brown.
			680.3					
			690.2					
SO @ 5-6			673.8	8				At 4.75 ft bgs: gravel & concrete, Tm D-br
			918.3					At 5.25 ft bgs: Dark green gray w/ black swirls, wet-moist, plastic, fat, soft.
	10-15	3.5/5 =70%	691.7	10				
			581.5					
			646.8	12				At 9ft bgs: Becomes black.
			645.9					At 10 ft bgs: Green gray / m-dark in color.
			17.1					
			11.6					At 12.5 ft bgs: becomes black/ dark brown, less fat w/ depth, more silty w/ depth
			7.2	15				
			4.8	16				
	15-20	4/5 =80%	2.5					
			1.2					
			1.3					At 15 ft bgs: becomes D-brown, m-stiff moist
			0.5					At 17 ft bgs: becomes D-gray w/ very little orange streaks
			1.9	20				
	20-25	3.5/5 =70%	1.5					At 18.5ft bgs: increased orange stree
			0.6					
			0.2					At 20 ft bgs: increased orange streaks
			0.1					At 22 ft bgs: becomes gray & orange w/ black nodes of crumbly hard clay, stiff.
			12.1	24				
SO @ 27-28	25-28	4/3 =133%	1.1	25				At 24 ft bgs: many crumbly black hard clay nodes, some red streaks
			0.1					
			0.0					At 25 ft bgs: No more crumbly black nodes, very stiff, very clayey, m-red brown ~~with gray streaks.~~
			0.0	28				

DPT-12-SO-(1-3)
DPT-12-SO-(1-3)-FD
DPT-12-SO-(5-6)
DPT-12-SO-(27-28)

At 26 ft bgs: becomes tan & pink w/ m-r-brown streaks
At 27 ft bgs: some purple / At 27.75 ft bgs: gray pre-shale, semi

Pine Lawn **Boring Log Form**

Site Name: Le 310 NBR **Boring Number:** DPT-13

Date Drilled (Start/Finish): 9/23/20

Drilling Method: DPT

Drilling Company: EWI

Elevation: **Total Depth:** 30 ft bgs

Coordinates:

Depth to Water: **Geologist:** Stephanie Caples

Project Number: **Weather:** Overcast, 73°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	2.5/5 =50%	0					Concrete top 4". Asphault + sand fill, 8".
			0					At 1 ft bgs: Clay + silt, m-brown w/ some gray streaks, soft, plastic, moist-wet fat.
			0					
			0	4				
			0	6				At 5 ft bgs: m-brown + gray. becomes siltier w/ depth.
	5-10	2.5/5 =50%	0					
			0					At 10 ft bgs: Dark + m-gray swirled together, fat, soft, wet-moist.
			0	8				
			0					At 13.5 ft bgs: becomes m-stiff to stiff, m-gray w/ orange clay nodes that are hard + crumbly, moist.
			0	10				
	10-15	3/5 =60%	0					At 14 ft bgs: m-stiff.
			0	12				
			0					At 15 ft bgs: m-stiff to stiff, moist clay + a little silt, m-gray / m-brown w/ orange + black streaks.
			0	15				
	15-20	5/5 =100%	0	16				
			0					At 21 ft bgs: becomes predominately m-brown w/ some m-gray.
			0					At 23 ft bgs: becomes m-red-brown w/ black/red streaks + small black + red hard crumbly clay nodes TO, some chert gravel.
			0	20				
	20-25	3.5/5 =70%	0					At 25 ft bgs: Increased chert content to very cherty.
			0	24				
	25-28	3/3 =100%	0	25				At 26 ft bgs: returns to m-brown w/ red + black, very stiff, moist, clay, very plastic
			0	28				At 27.75 ft bgs becomes orange

29-30 29-30 =100% 0 - 29 tan, damp-moist, not plastic, very

At 29 ft bgs: becomes increasingly fissile, purple/ off white/ light gray / Tan pre shale, breaks along bedding planes, damp-dry, NOT plastic, very stiff to hard.

DPT-13-SO-(29-30)

Boring Log Form

Site Name: Pinelawn 6310 NBR **Boring Number:** DPT-14
Date Drilled (Start/Finish): 9/23/20
Drilling Method: DPT
Drilling Company: EWI
Elevation: **Total Depth:** 30 ft bgs
Coordinates:
Depth to Water: **Geologist:** Stephanie Caples
Project Number: **Weather:** Overcast, 73°F

DPT-14-SO-(13-14)

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0-5	2.5/5 =50%	0; 10; 56.0; 7.6; 0.4	Sand; Tar; Brick; 4				Concrete top 4", followed by 8" of sand backfill, followed by 6" of tar/sand/asphalt, followed by 6" of brick (red.).
			0.6	5				At 2 ft bgs: Clay + Silt dark brown w/ m-brown & gray streaks, plastic, moist-wet, soft to m-stiff.
	5-10	3/5 =60%	0; 0; 0	8				At 6.5 ft bgs: becomes dark gray, v-soft.
			0; 0; 0	10				At 8 ft bgs: becomes m-gray, soft w/ orange-brown streaks.
			0.3; 0.9	12				At 9 ft bgs: becomes m-gray w/ crumb orange hard clay nodes TO, m-stiff.
SO2 13-14	10-15	5/5 =100%	3.3; 3.4; 1.8; 0.7	15; 16				At 10 ft bgs: becomes m-brown w/ m-red-brown streaks, stiff to v-stiff moist, plastic to v-plastic. At 11 ft bgs: becomes m-red-brown w/ black streaks + orange streaks.
	15-19	5/4 =125%	1.3; 3.4; 0.2; 1.0; 0.7; 0.3	19; 20				At 15 ft bgs: m-red-brown + gray. At 19 ft bgs: m red brown w/ some black streak
	19-22	4.5/3 =150%	0.0; 0.0; 0.6	22				At 26.5 ft bgs: becomes Tan orange
	22-25	4/3 =133%	0.0; 0.0; 0.0	24; 25				At 27 ft bgs: becomes D-purple brown, red rocks, spl water at color transition, chert + sandstone
	25-28	4.5/3 =150%	0.0; 0.0; 0.0; 0.0	28				At 29 ft bgs: becomes m-purple gray w/ off white + red, semi fissile, damp, pre-shale.
	28-30		0.0; 0.0	29; 30				

Boring Log Form

Site Name: Pine Lawn (6310 NBR) **Boring Number:** DPT-15
Date Drilled (Start/Finish): 9/23/20
Drilling Method: DPT
Drilling Company: GWI
Elevation: **Total Depth:** 30 ft bgs
Coordinates:
Depth to Water: **Geologist:** Stephanie Caples
Project Number: **Weather:** Overcast / cloudy, 75°F

DPT-15-SO-(29-30)

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
	0.5	3/5 =60%	0.4		Sand			Concrete Top 4", followed by 8" of Sand backfill, followed by 6" of red brick, followed by 6" of Tar/Sand/asphalt black.
			2.5		~~Red~~ Brick			
			0.5		Tar			
			0.2					At 2 ft bgs: Clay & Silt, gray & black, musty strange petroleum-like odor, soft, moist, plastic.
			0.0	4				
			0.0	5				
	5-10		0					At 3 ft bgs: gray & orange, m-stiff
			0					
			0	8				
		3.5/5 =70%	0					~~At 6-5 ft bgs: becomes m-red-brown w/a little gray, m-stiff to stiff.~~
			0					
			0	10				At 10 ft bgs: black streaks.
			0					
	10-15		0	12				At 12.5 ft bgs: black & orange nodes of crumbly hard clay TO, some orange & gray streaks.
		4/5 =80%	0					
			0	15				At 15 ft bgs: m-red-brown, some gray & black streaks.
			0	16				
	15-20	5/5 =100%	0					At 20 ft bgs: more nodes.
			0					
			0					At 20 ft bgs: m-red-brown, some gray & black streaks.
	20-24	5/4 =125%	0	20				At 23 ft bgs: more black streaks & nodes.
			0					At 24 ft bgs:
			0					At 27 ft bgs:
	24-27	5/3 =166%	0	24				At 27 ft bgs: D-red brown
			0					
			0					
29-30	27-30	4/3 =133%	0	27				At 29.75 ft bgs: becomes D-red brown & D-purple, Chert at very bottom, broken up, gravel sized, tan & red.
			0	28				
			0	29				

Boring Log Form

Site Name: Pine Lawn (6310 NBR) **Boring Number:** DPT-16
Date Drilled (Start/Finish): 9/23/20
Drilling Method: DPT
Drilling Company: EWI
Elevation: **Total Depth:** 30 ft bgs
Coordinates:
Depth to Water: **Geologist:** Stephanie Caples
Project Number: **Weather:** Cloudy, 75°F

Sample Interval	Interval	Soil Recv.	PID Reading (ppm or ppb)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	DPT-16-SO-(29-30) Description and Remarks
				Sand/concrete				Concrete, sand backfill, black tar/sand.
	0-5	2.75	0	Brick				At 2 ft bgs: Clay + silt, D-green-gray + black, soft, plastic, moist
		5	0	tar				
		=55%	0	4				
	5-10		0	5				At 3 ft bgs: orange + m-brown
		2	0					At 4 ft bgs: m-brown.
		5	0	8				At 5 ft bgs: m-brown/D-brown, gray, Fat, moist-wet, very soft, plastic.
		=40%	0					
	10-15		0	10				
		3	0	12				At 6 ft bgs: D-gray, soft-m-stiff
		5	0					At 7 ft bgs: m-gray, more silt
		=60%	0					At 8 ft bgs: Steel gray, m-stiff
								At 9 ft bgs: Some orange streaks
	15-20		0	15				
			0	16				At 15 ft bgs: m gray w/orange + D-gray swirls, soft.
		3	0					At 16.5 ft bgs: more orange, m-stiff
		5	0					At 18 ft bgs: Orange, light gray, m-gray, black swirls, stiff, siltier.
		=60%	0	20				
	20-25		0					↓
		5	0					At 25 ft bgs: more black streaks, more orange streaks, red streaks, hard black clay crumbly nodes, stiff - v stiff
		5	0	24				
	25		0	25				
SO @ 29-30	30	5	0					At 23.5 ft bgs: Chert gravel TD
		5	0	28				
		=100%	0	29				
			0	30				

APPENDIX D

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: PINE LAWN
Pace Project No.: 60348944

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 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
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CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60348944001	**DPT-1-SO-(5.5-6.5)**	Solid	09/21/20 14:11	09/22/20 04:15
60348944002	**DPT-2-SO-(3-5)**	Solid	09/21/20 15:26	09/22/20 04:15
60348944003	**DPT-3-SO-(28-28.8)**	Solid	09/21/20 16:06	09/22/20 04:15
60348944004	**DPT-3-SO-(28-28.8)-FD**	Solid	09/21/20 16:06	09/22/20 04:15
60348944005	**DPT-4-SO-(28-29)**	Solid	09/21/20 16:41	09/22/20 04:15
60348944006	**PINE LAWN-SO-TB1**	Solid	09/21/20 17:10	09/22/20 04:15
60348944007	**DPT-S-SO-(15-16)**	Solid	09/21/20 17:40	09/22/20 04:15
60348944008	**PINE LAWN-FB1**	Water	09/21/20 17:52	09/22/20 04:15

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60348944

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60348944001	**DPT-1-SO-(5.5-6.5)**	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
60348944002	**DPT-2-SO-(3-5)**	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
60348944003	**DPT-3-SO-(28-28.8)**	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
60348944004	**DPT-3-SO-(28-28.8)-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
60348944005	**DPT-4-SO-(28-29)**	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

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60348944

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60348944006	**PINE LAWN-SO-TB1**	EPA 8260B	RAD	68	PASI-K
60348944007	**DPT-S-SO-(15-16)**	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
60348944008	**PINE LAWN-FB1**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG, PGH	69	PASI-K
		EPA 8260	EAG	5	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-1-SO-(5.5-6.5) **Lab ID: 60348944001** Collected: 09/21/20 14:11 Received: 09/22/20 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	37.9	1	09/29/20 15:19	10/01/20 16:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.9	1	09/29/20 15:19	10/01/20 16:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	28-143	1	09/29/20 15:19	10/01/20 16:29	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**7.2**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:59	7440-38-2	
Barium	**151**	mg/kg	0.53	1	10/01/20 11:39	10/02/20 13:59	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/01/20 11:39	10/02/20 13:59	7440-43-9	
Chromium	**18.2**	mg/kg	0.53	1	10/01/20 11:39	10/02/20 13:59	7440-47-3	
Lead	**44.9**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 13:59	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/01/20 11:39	10/02/20 13:59	7782-49-2	
Silver	ND	mg/kg	0.74	1	10/01/20 11:39	10/02/20 13:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.080**	mg/kg	0.053	1	09/28/20 14:40	09/29/20 13:06	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	83-32-9	
Acenaphthylene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	208-96-8	
Anthracene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	120-12-7	
Benzo(a)anthracene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	56-55-3	
Benzo(a)pyrene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	207-08-9	
Benzoic Acid	ND	ug/kg	1880	1	09/27/20 13:01	09/29/20 20:02	65-85-0	L1
Benzyl alcohol	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	85-68-7	
Carbazole	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	59-50-7	
4-Chloroaniline	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	108-60-1	
2-Chloronaphthalene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	91-58-7	

Pace Analytical Services, LLC
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Lenexa, KS 66219
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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-1-SO-(5.5-6.5) **Lab ID: 60348944001** Collected: 09/21/20 14:11 Received: 09/22/20 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	372	1	09/27/20 13:01	09/29/20 20:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	7005-72-3	
Chrysene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	53-70-3	
Dibenzofuran	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	120-83-2	
Diethylphthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	105-67-9	
Dimethylphthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1880	1	09/27/20 13:01	09/29/20 20:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1880	1	09/27/20 13:01	09/29/20 20:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	117-81-7	
Fluoranthene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	206-44-0	
Fluorene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	77-47-4	
Hexachloroethane	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	193-39-5	
Isophorone	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	78-59-1	
2-Methylnaphthalene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	15831-10-4	
Naphthalene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	91-20-3	
2-Nitroaniline	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	88-74-4	
3-Nitroaniline	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	99-09-2	
4-Nitroaniline	ND	ug/kg	743	1	09/27/20 13:01	09/29/20 20:02	100-01-6	
Nitrobenzene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	98-95-3	
2-Nitrophenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	88-75-5	
4-Nitrophenol	ND	ug/kg	1880	1	09/27/20 13:01	09/29/20 20:02	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	86-30-6	
Pentachlorophenol	ND	ug/kg	1880	1	09/27/20 13:01	09/29/20 20:02	87-86-5	
Phenanthrene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	85-01-8	
Phenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	108-95-2	
Pyrene	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	129-00-0	
Pyridine	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-1-SO-(5.5-6.5) **Lab ID: 60348944001** Collected: 09/21/20 14:11 Received: 09/22/20 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	372	1	09/27/20 13:01	09/29/20 20:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	1	09/27/20 13:01	09/29/20 20:02	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	09/27/20 13:01	09/29/20 20:02	4165-60-0	
2-Fluorobiphenyl (S)	69	%	39-136	1	09/27/20 13:01	09/29/20 20:02	321-60-8	
Terphenyl-d14 (S)	68	%	29-131	1	09/27/20 13:01	09/29/20 20:02	1718-51-0	
Phenol-d6 (S)	65	%	43-95	1	09/27/20 13:01	09/29/20 20:02	13127-88-3	
2-Fluorophenol (S)	65	%	43-96	1	09/27/20 13:01	09/29/20 20:02	367-12-4	
2,4,6-Tribromophenol (S)	68	%	41-108	1	09/27/20 13:01	09/29/20 20:02	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**150**	mg/kg	34.6	2	09/25/20 15:43	09/29/20 02:32		
TPH-DRO	**79.7**	mg/kg	34.6	2	09/25/20 15:43	09/29/20 02:32		
Surrogates								
Nitrobenzene-d5 (S)	71	%	33-132	2	09/25/20 15:43	09/29/20 02:32	4165-60-0	D3
2-Fluorobiphenyl (S)	74	%	39-136	2	09/25/20 15:43	09/29/20 02:32	321-60-8	
Terphenyl-d14 (S)	67	%	29-131	2	09/25/20 15:43	09/29/20 02:32	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**15.3**	ug/kg	10.8	1	09/24/20 15:32	09/24/20 18:03	67-64-1	
Benzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-27-4	
Bromoform	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-25-2	
Bromomethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	5.4	1	09/24/20 15:32	09/24/20 18:03	78-93-3	
n-Butylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.5	1	09/24/20 15:32	09/24/20 18:03	98-06-6	
Carbon disulfide	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	108-90-7	
Chloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-00-3	
Chloroform	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	67-66-3	
Chloromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	1	09/24/20 15:32	09/24/20 18:03	96-12-8	
Dibromochloromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	106-93-4	
Dibromomethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-1-SO-(5.5-6.5) **Lab ID: 60348944001** Collected: 09/21/20 14:11 Received: 09/22/20 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	2.7	1	09/24/20 15:32	09/24/20 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	540-59-0	
1,1-Dichloroethene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	10061-02-6	
Ethylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	87-68-3	
2-Hexanone	ND	ug/kg	10.8	1	09/24/20 15:32	09/24/20 18:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	99-87-6	
Methylene Chloride	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	5.4	1	09/24/20 15:32	09/24/20 18:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1	09/24/20 15:32	09/24/20 18:03	91-20-3	
n-Propylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	103-65-1	
Styrene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	79-34-5	
Tetrachloroethene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	127-18-4	
Toluene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	79-00-5	
Trichloroethene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	108-67-8	
Vinyl chloride	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	75-01-4	
Xylene (Total)	ND	ug/kg	2.7	1	09/24/20 15:32	09/24/20 18:03	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 15:32	09/24/20 18:03	2037-26-5	
4-Bromofluorobenzene (S)	102	%	85-115	1	09/24/20 15:32	09/24/20 18:03	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-1-SO-(5.5-6.5) **Lab ID: 60348944001** Collected: 09/21/20 14:11 Received: 09/22/20 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	09/24/20 15:32	09/24/20 18:03	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	**0.71**	mg/kg	0.37	1	09/23/20 10:30	09/23/20 16:59		
Surrogates								
Toluene-d8 (S)	104	%	78-122	1	09/23/20 10:30	09/23/20 16:59	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-133	1	09/23/20 10:30	09/23/20 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-123	1	09/23/20 10:30	09/23/20 16:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**14.4**	%	0.50	1		09/23/20 14:42		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-2-SO-(3-5) **Lab ID: 60348944002** Collected: 09/21/20 15:26 Received: 09/22/20 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	39.2	1	09/29/20 15:19	10/01/20 16:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 16:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81	%	28-143	1	09/29/20 15:19	10/01/20 16:47	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.3**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 14:01	7440-38-2	
Barium	**179**	mg/kg	0.59	1	10/01/20 11:39	10/02/20 14:01	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	10/01/20 11:39	10/02/20 14:01	7440-43-9	
Chromium	**15.5**	mg/kg	0.59	1	10/01/20 11:39	10/02/20 14:01	7440-47-3	
Lead	**48.7**	mg/kg	1.2	1	10/01/20 11:39	10/02/20 14:01	7439-92-1	
Selenium	ND	mg/kg	1.8	1	10/01/20 11:39	10/02/20 14:01	7782-49-2	
Silver	ND	mg/kg	0.82	1	10/01/20 11:39	10/02/20 14:01	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.050	1	09/28/20 14:40	09/29/20 13:08	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	83-32-9	
Acenaphthylene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	208-96-8	
Anthracene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	207-08-9	
Benzoic Acid	ND	ug/kg	1920	1	09/27/20 13:01	09/29/20 20:23	65-85-0	L1
Benzyl alcohol	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	85-68-7	
Carbazole	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	59-50-7	
4-Chloroaniline	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	108-60-1	
2-Chloronaphthalene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-2-SO-(3-5) **Lab ID: 60348944002** Collected: 09/21/20 15:26 Received: 09/22/20 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	379	1	09/27/20 13:01	09/29/20 20:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	7005-72-3	
Chrysene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	53-70-3	
Dibenzofuran	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	120-83-2	
Diethylphthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	105-67-9	
Dimethylphthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1920	1	09/27/20 13:01	09/29/20 20:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1920	1	09/27/20 13:01	09/29/20 20:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	117-81-7	
Fluoranthene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	206-44-0	
Fluorene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	77-47-4	
Hexachloroethane	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	193-39-5	
Isophorone	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	78-59-1	
2-Methylnaphthalene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	15831-10-4	
Naphthalene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	91-20-3	
2-Nitroaniline	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	88-74-4	
3-Nitroaniline	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	99-09-2	
4-Nitroaniline	ND	ug/kg	758	1	09/27/20 13:01	09/29/20 20:23	100-01-6	
Nitrobenzene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	98-95-3	
2-Nitrophenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	88-75-5	
4-Nitrophenol	ND	ug/kg	1920	1	09/27/20 13:01	09/29/20 20:23	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	86-30-6	
Pentachlorophenol	ND	ug/kg	1920	1	09/27/20 13:01	09/29/20 20:23	87-86-5	
Phenanthrene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	85-01-8	
Phenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	108-95-2	
Pyrene	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	129-00-0	
Pyridine	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-2-SO-(3-5) **Lab ID: 60348944002** Collected: 09/21/20 15:26 Received: 09/22/20 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	379	1	09/27/20 13:01	09/29/20 20:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	379	1	09/27/20 13:01	09/29/20 20:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/27/20 13:01	09/29/20 20:23	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-136	1	09/27/20 13:01	09/29/20 20:23	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/27/20 13:01	09/29/20 20:23	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 20:23	13127-88-3	
2-Fluorophenol (S)	71	%	43-96	1	09/27/20 13:01	09/29/20 20:23	367-12-4	
2,4,6-Tribromophenol (S)	77	%	41-108	1	09/27/20 13:01	09/29/20 20:23	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**83.6**	mg/kg	35.3	2	09/25/20 15:43	09/29/20 02:52		
TPH-DRO	**51.4**	mg/kg	35.3	2	09/25/20 15:43	09/29/20 02:52		
Surrogates								
Nitrobenzene-d5 (S)	71	%	33-132	2	09/25/20 15:43	09/29/20 02:52	4165-60-0	D3
2-Fluorobiphenyl (S)	77	%	39-136	2	09/25/20 15:43	09/29/20 02:52	321-60-8	
Terphenyl-d14 (S)	75	%	29-131	2	09/25/20 15:43	09/29/20 02:52	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**53.1**	ug/kg	17.0	1	09/23/20 10:09	09/23/20 17:14	67-64-1	
Benzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-27-4	
Bromoform	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-25-2	
Bromomethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	74-83-9	
2-Butanone (MEK)	**9.1**	ug/kg	8.5	1	09/23/20 10:09	09/23/20 17:14	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	21.3	1	09/23/20 10:09	09/23/20 17:14	98-06-6	
Carbon disulfide	**5.1**	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	108-90-7	
Chloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-00-3	
Chloroform	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	67-66-3	
Chloromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	1	09/23/20 10:09	09/23/20 17:14	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-2-SO-(3-5) **Lab ID: 60348944002** Collected: 09/21/20 15:26 Received: 09/22/20 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	4.3	1	09/23/20 10:09	09/23/20 17:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	87-68-3	
2-Hexanone	ND	ug/kg	17.0	1	09/23/20 10:09	09/23/20 17:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	1	09/23/20 10:09	09/23/20 17:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	1634-04-4	
Naphthalene	ND	ug/kg	8.5	1	09/23/20 10:09	09/23/20 17:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	103-65-1	
Styrene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	127-18-4	
Toluene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	96-18-4	
1,2,4-Trimethylbenzene	**4.6**	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	75-01-4	
Xylene (Total)	ND	ug/kg	4.3	1	09/23/20 10:09	09/23/20 17:14	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/23/20 10:09	09/23/20 17:14	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-115	1	09/23/20 10:09	09/23/20 17:14	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-2-SO-(3-5) **Lab ID: 60348944002** Collected: 09/21/20 15:26 Received: 09/22/20 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)	103	%	78-118	1	09/23/20 10:09	09/23/20 17:14	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	0.43	1	09/23/20 10:30	09/23/20 17:14		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/23/20 10:30	09/23/20 17:14	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-133	1	09/23/20 10:30	09/23/20 17:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-123	1	09/23/20 10:30	09/23/20 17:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.4**	%	0.50	1		09/23/20 14:43		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8) **Lab ID: 60348944003** Collected: 09/21/20 16:06 Received: 09/22/20 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	36.3	1	09/29/20 15:19	10/01/20 17:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.3	1	09/29/20 15:19	10/01/20 17:05	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	90	%	28-143	1	09/29/20 15:19	10/01/20 17:05	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.1**	mg/kg	2.5	3	10/01/20 11:39	10/02/20 14:04	7440-38-2	
Barium	**103**	mg/kg	1.2	3	10/01/20 11:39	10/02/20 14:04	7440-39-3	
Cadmium	ND	mg/kg	1.2	3	10/01/20 11:39	10/02/20 14:04	7440-43-9	D3
Chromium	**85.1**	mg/kg	1.2	3	10/01/20 11:39	10/02/20 14:04	7440-47-3	
Lead	**2.7**	mg/kg	2.5	3	10/01/20 11:39	10/02/20 14:04	7439-92-1	
Selenium	ND	mg/kg	3.7	3	10/01/20 11:39	10/02/20 14:04	7782-49-2	D3
Silver	ND	mg/kg	1.7	3	10/01/20 11:39	10/02/20 14:04	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.054	1	09/28/20 14:40	09/29/20 13:11	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	83-32-9	
Acenaphthylene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	208-96-8	
Anthracene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	120-12-7	
Benzo(a)anthracene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	56-55-3	
Benzo(a)pyrene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	207-08-9	
Benzoic Acid	ND	ug/kg	1810	1	09/27/20 13:01	09/29/20 20:44	65-85-0	L1
Benzyl alcohol	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	85-68-7	
Carbazole	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	59-50-7	
4-Chloroaniline	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	108-60-1	
2-Chloronaphthalene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8) **Lab ID: 60348944003** Collected: 09/21/20 16:06 Received: 09/22/20 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	358	1	09/27/20 13:01	09/29/20 20:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	7005-72-3	
Chrysene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	53-70-3	
Dibenzofuran	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	120-83-2	
Diethylphthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	105-67-9	
Dimethylphthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1810	1	09/27/20 13:01	09/29/20 20:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1810	1	09/27/20 13:01	09/29/20 20:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	117-81-7	
Fluoranthene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	206-44-0	
Fluorene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	87-68-3	
Hexachlorobenzene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	77-47-4	
Hexachloroethane	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	193-39-5	
Isophorone	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	78-59-1	
2-Methylnaphthalene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	15831-10-4	
Naphthalene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	91-20-3	
2-Nitroaniline	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	88-74-4	
3-Nitroaniline	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	99-09-2	
4-Nitroaniline	ND	ug/kg	716	1	09/27/20 13:01	09/29/20 20:44	100-01-6	
Nitrobenzene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	98-95-3	
2-Nitrophenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	88-75-5	
4-Nitrophenol	ND	ug/kg	1810	1	09/27/20 13:01	09/29/20 20:44	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	86-30-6	
Pentachlorophenol	ND	ug/kg	1810	1	09/27/20 13:01	09/29/20 20:44	87-86-5	
Phenanthrene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	85-01-8	
Phenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	108-95-2	
Pyrene	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	129-00-0	
Pyridine	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8) **Lab ID: 60348944003** Collected: 09/21/20 16:06 Received: 09/22/20 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	358	1	09/27/20 13:01	09/29/20 20:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	358	1	09/27/20 13:01	09/29/20 20:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	33-132	1	09/27/20 13:01	09/29/20 20:44	4165-60-0	
2-Fluorobiphenyl (S)	75	%	39-136	1	09/27/20 13:01	09/29/20 20:44	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/27/20 13:01	09/29/20 20:44	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 20:44	13127-88-3	
2-Fluorophenol (S)	70	%	43-96	1	09/27/20 13:01	09/29/20 20:44	367-12-4	
2,4,6-Tribromophenol (S)	72	%	41-108	1	09/27/20 13:01	09/29/20 20:44	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	16.5	1	09/25/20 15:43	09/29/20 03:12		
TPH-DRO	ND	mg/kg	16.5	1	09/25/20 15:43	09/29/20 03:12		
Surrogates								
Nitrobenzene-d5 (S)	76	%	33-132	1	09/25/20 15:43	09/29/20 03:12	4165-60-0	
2-Fluorobiphenyl (S)	80	%	39-136	1	09/25/20 15:43	09/29/20 03:12	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/25/20 15:43	09/29/20 03:12	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	14.1	1	09/23/20 10:09	09/23/20 17:30	67-64-1	
Benzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	71-43-2	
Bromobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-27-4	
Bromoform	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-25-2	
Bromomethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.0	1	09/23/20 10:09	09/23/20 17:30	78-93-3	
n-Butylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.6	1	09/23/20 10:09	09/23/20 17:30	98-06-6	
Carbon disulfide	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	108-90-7	
Chloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-00-3	
Chloroform	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	67-66-3	
Chloromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	09/23/20 10:09	09/23/20 17:30	96-12-8	
Dibromochloromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	106-93-4	
Dibromomethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8) **Lab ID: 60348944003** Collected: 09/21/20 16:06 Received: 09/22/20 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	3.5	1	09/23/20 10:09	09/23/20 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	10061-02-6	
Ethylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	87-68-3	
2-Hexanone	ND	ug/kg	14.1	1	09/23/20 10:09	09/23/20 17:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	99-87-6	
Methylene Chloride	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.0	1	09/23/20 10:09	09/23/20 17:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	09/23/20 10:09	09/23/20 17:30	91-20-3	
n-Propylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	103-65-1	
Styrene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	79-34-5	
Tetrachloroethene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	127-18-4	
Toluene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	79-00-5	
Trichloroethene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	108-67-8	
Vinyl chloride	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	75-01-4	
Xylene (Total)	ND	ug/kg	3.5	1	09/23/20 10:09	09/23/20 17:30	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/23/20 10:09	09/23/20 17:30	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/23/20 10:09	09/23/20 17:30	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8) **Lab ID: 60348944003** Collected: 09/21/20 16:06 Received: 09/22/20 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)	111	%	78-118	1	09/23/20 10:09	09/23/20 17:30	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	0.35	1	09/23/20 10:30	09/23/20 17:30		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/23/20 10:30	09/23/20 17:30	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/23/20 10:30	09/23/20 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-123	1	09/23/20 10:30	09/23/20 17:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**10.9**	%	0.50	1		09/23/20 14:43		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8)-FD **Lab ID: 60348944004** Collected: 09/21/20 16:06 Received: 09/22/20 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	36.0	1	09/29/20 15:19	10/01/20 17:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 17:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	28-143	1	09/29/20 15:19	10/01/20 17:58	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**1.6**	mg/kg	0.88	1	10/01/20 11:39	10/02/20 14:06	7440-38-2	
Barium	**55.9**	mg/kg	0.44	1	10/01/20 11:39	10/02/20 14:06	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	10/01/20 11:39	10/02/20 14:06	7440-43-9	
Chromium	**42.6**	mg/kg	0.44	1	10/01/20 11:39	10/02/20 14:06	7440-47-3	
Lead	**4.7**	mg/kg	0.88	1	10/01/20 11:39	10/02/20 14:06	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/01/20 11:39	10/02/20 14:06	7782-49-2	
Silver	ND	mg/kg	0.61	1	10/01/20 11:39	10/02/20 14:06	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 13:13	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	83-32-9	
Acenaphthylene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	208-96-8	
Anthracene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	56-55-3	
Benzo(a)pyrene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	207-08-9	
Benzoic Acid	ND	ug/kg	1820	1	09/27/20 13:01	09/29/20 21:05	65-85-0	L1
Benzyl alcohol	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	101-55-3	
Butylbenzylphthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	85-68-7	
Carbazole	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	59-50-7	
4-Chloroaniline	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	108-60-1	
2-Chloronaphthalene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8)-FD **Lab ID: 60348944004** Collected: 09/21/20 16:06 Received: 09/22/20 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	360	1	09/27/20 13:01	09/29/20 21:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	7005-72-3	
Chrysene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	53-70-3	
Dibenzofuran	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	120-83-2	
Diethylphthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	105-67-9	
Dimethylphthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	131-11-3	
Di-n-butylphthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1820	1	09/27/20 13:01	09/29/20 21:05	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1820	1	09/27/20 13:01	09/29/20 21:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	606-20-2	
Di-n-octylphthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	117-81-7	
Fluoranthene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	206-44-0	
Fluorene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	87-68-3	
Hexachlorobenzene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	77-47-4	
Hexachloroethane	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	193-39-5	
Isophorone	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	78-59-1	
2-Methylnaphthalene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	15831-10-4	
Naphthalene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	91-20-3	
2-Nitroaniline	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	88-74-4	
3-Nitroaniline	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	99-09-2	
4-Nitroaniline	ND	ug/kg	720	1	09/27/20 13:01	09/29/20 21:05	100-01-6	
Nitrobenzene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	98-95-3	
2-Nitrophenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	88-75-5	
4-Nitrophenol	ND	ug/kg	1820	1	09/27/20 13:01	09/29/20 21:05	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	86-30-6	
Pentachlorophenol	ND	ug/kg	1820	1	09/27/20 13:01	09/29/20 21:05	87-86-5	
Phenanthrene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	85-01-8	
Phenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	108-95-2	
Pyrene	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	129-00-0	
Pyridine	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8)-FD **Lab ID: 60348944004** Collected: 09/21/20 16:06 Received: 09/22/20 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	360	1	09/27/20 13:01	09/29/20 21:05	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	360	1	09/27/20 13:01	09/29/20 21:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/27/20 13:01	09/29/20 21:05	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-136	1	09/27/20 13:01	09/29/20 21:05	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/27/20 13:01	09/29/20 21:05	1718-51-0	
Phenol-d6 (S)	68	%	43-95	1	09/27/20 13:01	09/29/20 21:05	13127-88-3	
2-Fluorophenol (S)	68	%	43-96	1	09/27/20 13:01	09/29/20 21:05	367-12-4	
2,4,6-Tribromophenol (S)	71	%	41-108	1	09/27/20 13:01	09/29/20 21:05	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	16.6	1	09/25/20 15:43	09/29/20 03:32		
TPH-DRO	ND	mg/kg	16.6	1	09/25/20 15:43	09/29/20 03:32		
Surrogates								
Nitrobenzene-d5 (S)	74	%	33-132	1	09/25/20 15:43	09/29/20 03:32	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/25/20 15:43	09/29/20 03:32	321-60-8	
Terphenyl-d14 (S)	77	%	29-131	1	09/25/20 15:43	09/29/20 03:32	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	16.1	1	09/23/20 10:09	09/23/20 17:45	67-64-1	
Benzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	71-43-2	
Bromobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-27-4	
Bromoform	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-25-2	
Bromomethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.1	1	09/23/20 10:09	09/23/20 17:45	78-93-3	
n-Butylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.1	1	09/23/20 10:09	09/23/20 17:45	98-06-6	
Carbon disulfide	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	108-90-7	
Chloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-00-3	
Chloroform	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	67-66-3	
Chloromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	1	09/23/20 10:09	09/23/20 17:45	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	106-93-4	
Dibromomethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8)-FD **Lab ID: 60348944004** Collected: 09/21/20 16:06 Received: 09/22/20 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	09/23/20 10:09	09/23/20 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	10061-02-6	
Ethylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	87-68-3	
2-Hexanone	ND	ug/kg	16.1	1	09/23/20 10:09	09/23/20 17:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	99-87-6	
Methylene Chloride	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.1	1	09/23/20 10:09	09/23/20 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	1634-04-4	
Naphthalene	ND	ug/kg	8.1	1	09/23/20 10:09	09/23/20 17:45	91-20-3	
n-Propylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	103-65-1	
Styrene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	127-18-4	
Toluene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	108-67-8	
Vinyl chloride	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	75-01-4	
Xylene (Total)	ND	ug/kg	4.0	1	09/23/20 10:09	09/23/20 17:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/23/20 10:09	09/23/20 17:45	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/23/20 10:09	09/23/20 17:45	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-3-SO-(28-28.8)-FD **Lab ID: 60348944004** Collected: 09/21/20 16:06 Received: 09/22/20 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)	111	%	78-118	1	09/23/20 10:09	09/23/20 17:45	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	0.40	1	09/23/20 10:30	09/23/20 17:45		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/23/20 10:30	09/23/20 17:45	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/23/20 10:30	09/23/20 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-123	1	09/23/20 10:30	09/23/20 17:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**10.8**	%	0.50	1		09/23/20 14:43		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-4-SO-(28-29) **Lab ID: 60348944005** Collected: 09/21/20 16:41 Received: 09/22/20 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	36.9	1	09/29/20 15:19	10/01/20 18:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.9	1	09/29/20 15:19	10/01/20 18:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	93	%	28-143	1	09/29/20 15:19	10/01/20 18:16	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	ND	mg/kg	1.1	1	10/01/20 11:39	10/02/20 14:13	7440-38-2	
Barium	**49.7**	mg/kg	0.53	1	10/01/20 11:39	10/02/20 14:13	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/01/20 11:39	10/02/20 14:13	7440-43-9	
Chromium	**50.8**	mg/kg	0.53	1	10/01/20 11:39	10/02/20 14:13	7440-47-3	
Lead	**3.2**	mg/kg	1.1	1	10/01/20 11:39	10/02/20 14:13	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/01/20 11:39	10/02/20 14:13	7782-49-2	
Silver	**0.83**	mg/kg	0.75	1	10/01/20 11:39	10/02/20 14:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.045	1	09/28/20 14:40	09/29/20 13:15	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	208-96-8	
Anthracene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	207-08-9	
Benzoic Acid	ND	ug/kg	1800	1	09/27/20 13:01	09/29/20 21:27	65-85-0	L1
Benzyl alcohol	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	85-68-7	
Carbazole	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	59-50-7	
4-Chloroaniline	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-4-SO-(28-29) **Lab ID: 60348944005** Collected: 09/21/20 16:41 Received: 09/22/20 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	356	1	09/27/20 13:01	09/29/20 21:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	7005-72-3	
Chrysene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	1	09/27/20 13:01	09/29/20 21:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1800	1	09/27/20 13:01	09/29/20 21:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	117-81-7	
Fluoranthene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	206-44-0	
Fluorene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	193-39-5	
Isophorone	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	15831-10-4	
Naphthalene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	91-20-3	
2-Nitroaniline	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	88-74-4	
3-Nitroaniline	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	99-09-2	
4-Nitroaniline	ND	ug/kg	713	1	09/27/20 13:01	09/29/20 21:27	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	88-75-5	
4-Nitrophenol	ND	ug/kg	1800	1	09/27/20 13:01	09/29/20 21:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	86-30-6	
Pentachlorophenol	ND	ug/kg	1800	1	09/27/20 13:01	09/29/20 21:27	87-86-5	
Phenanthrene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	85-01-8	
Phenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	108-95-2	
Pyrene	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	129-00-0	
Pyridine	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-4-SO-(28-29) **Lab ID: 60348944005** Collected: 09/21/20 16:41 Received: 09/22/20 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	356	1	09/27/20 13:01	09/29/20 21:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	09/27/20 13:01	09/29/20 21:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/27/20 13:01	09/29/20 21:27	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-136	1	09/27/20 13:01	09/29/20 21:27	321-60-8	
Terphenyl-d14 (S)	77	%	29-131	1	09/27/20 13:01	09/29/20 21:27	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 21:27	13127-88-3	
2-Fluorophenol (S)	70	%	43-96	1	09/27/20 13:01	09/29/20 21:27	367-12-4	
2,4,6-Tribromophenol (S)	73	%	41-108	1	09/27/20 13:01	09/29/20 21:27	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	16.4	1	09/25/20 15:43	09/29/20 03:51		
TPH-DRO	ND	mg/kg	16.4	1	09/25/20 15:43	09/29/20 03:51		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/25/20 15:43	09/29/20 03:51	4165-60-0	
2-Fluorobiphenyl (S)	82	%	39-136	1	09/25/20 15:43	09/29/20 03:51	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/25/20 15:43	09/29/20 03:51	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	14.3	1	09/23/20 10:09	09/23/20 18:01	67-64-1	
Benzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-27-4	
Bromoform	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-25-2	
Bromomethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.2	1	09/23/20 10:09	09/23/20 18:01	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.9	1	09/23/20 10:09	09/23/20 18:01	98-06-6	
Carbon disulfide	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	108-90-7	
Chloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-00-3	
Chloroform	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	67-66-3	
Chloromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	09/23/20 10:09	09/23/20 18:01	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-4-SO-(28-29) **Lab ID: 60348944005** Collected: 09/21/20 16:41 Received: 09/22/20 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	3.6	1	09/23/20 10:09	09/23/20 18:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	87-68-3	
2-Hexanone	ND	ug/kg	14.3	1	09/23/20 10:09	09/23/20 18:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	99-87-6	
Methylene Chloride	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.2	1	09/23/20 10:09	09/23/20 18:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	09/23/20 10:09	09/23/20 18:01	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	103-65-1	
Styrene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	127-18-4	
Toluene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	75-01-4	
Xylene (Total)	ND	ug/kg	3.6	1	09/23/20 10:09	09/23/20 18:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/23/20 10:09	09/23/20 18:01	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/23/20 10:09	09/23/20 18:01	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-4-SO-(28-29) **Lab ID: 60348944005** Collected: 09/21/20 16:41 Received: 09/22/20 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	09/23/20 10:09	09/23/20 18:01	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	0.36	1	09/23/20 10:30	09/23/20 18:01		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/23/20 10:30	09/23/20 18:01	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/23/20 10:30	09/23/20 18:01	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-123	1	09/23/20 10:30	09/23/20 18:01	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**11.6**	%	0.50	1		09/23/20 14:43		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-SO-TB1 **Lab ID: 60348944006** Collected: 09/21/20 17:10 Received: 09/22/20 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	09/23/20 10:09	09/23/20 14:37	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/23/20 10:09	09/23/20 14:37	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/23/20 10:09	09/23/20 14:37	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/23/20 10:09	09/23/20 14:37	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/23/20 10:09	09/23/20 14:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-SO-TB1 **Lab ID: 60348944006** Collected: 09/21/20 17:10 Received: 09/22/20 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	09/23/20 10:09	09/23/20 14:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/23/20 10:09	09/23/20 14:37	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	127-18-4	
Toluene	**8.6**	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/23/20 10:09	09/23/20 14:37	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	09/23/20 10:09	09/23/20 14:37	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/23/20 10:09	09/23/20 14:37	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	78-118	1	09/23/20 10:09	09/23/20 14:37	17060-07-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-S-SO-(15-16) **Lab ID: 60348944007** Collected: 09/21/20 17:40 Received: 09/22/20 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	38.8	1	09/29/20 15:19	10/01/20 19:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.8	1	09/29/20 15:19	10/01/20 19:10	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	64	%	28-143	1	09/29/20 15:19	10/01/20 19:10	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**6.3**	mg/kg	0.81	1	10/01/20 11:39	10/02/20 14:16	7440-38-2	
Barium	**205**	mg/kg	0.40	1	10/01/20 11:39	10/02/20 14:16	7440-39-3	
Cadmium	ND	mg/kg	0.40	1	10/01/20 11:39	10/02/20 14:16	7440-43-9	
Chromium	**19.1**	mg/kg	0.40	1	10/01/20 11:39	10/02/20 14:16	7440-47-3	
Lead	**11.4**	mg/kg	0.81	1	10/01/20 11:39	10/02/20 14:16	7439-92-1	
Selenium	ND	mg/kg	1.2	1	10/01/20 11:39	10/02/20 14:16	7782-49-2	
Silver	ND	mg/kg	0.57	1	10/01/20 11:39	10/02/20 14:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.046	1	09/28/20 14:40	09/29/20 13:17	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	83-32-9	
Acenaphthylene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	208-96-8	
Anthracene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	120-12-7	
Benzo(a)anthracene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	207-08-9	
Benzoic Acid	ND	ug/kg	1980	1	09/27/20 13:01	09/29/20 21:48	65-85-0	L1
Benzyl alcohol	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	85-68-7	
Carbazole	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	59-50-7	
4-Chloroaniline	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	108-60-1	
2-Chloronaphthalene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-S-SO-(15-16) **Lab ID: 60348944007** Collected: 09/21/20 17:40 Received: 09/22/20 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	392	1	09/27/20 13:01	09/29/20 21:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	7005-72-3	
Chrysene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	53-70-3	
Dibenzofuran	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	120-83-2	
Diethylphthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	105-67-9	
Dimethylphthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1980	1	09/27/20 13:01	09/29/20 21:48	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1	09/27/20 13:01	09/29/20 21:48	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	606-20-2	
Di-n-octylphthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	117-81-7	
Fluoranthene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	206-44-0	
Fluorene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	87-68-3	
Hexachlorobenzene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	77-47-4	
Hexachloroethane	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	193-39-5	
Isophorone	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	78-59-1	
2-Methylnaphthalene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	15831-10-4	
Naphthalene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	91-20-3	
2-Nitroaniline	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	88-74-4	
3-Nitroaniline	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	99-09-2	
4-Nitroaniline	ND	ug/kg	784	1	09/27/20 13:01	09/29/20 21:48	100-01-6	
Nitrobenzene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	98-95-3	
2-Nitrophenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	1	09/27/20 13:01	09/29/20 21:48	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	86-30-6	
Pentachlorophenol	ND	ug/kg	1980	1	09/27/20 13:01	09/29/20 21:48	87-86-5	
Phenanthrene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	85-01-8	
Phenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	108-95-2	
Pyrene	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	129-00-0	
Pyridine	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-S-SO-(15-16) **Lab ID: 60348944007** Collected: 09/21/20 17:40 Received: 09/22/20 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	392	1	09/27/20 13:01	09/29/20 21:48	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	1	09/27/20 13:01	09/29/20 21:48	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/27/20 13:01	09/29/20 21:48	4165-60-0	
2-Fluorobiphenyl (S)	75	%	39-136	1	09/27/20 13:01	09/29/20 21:48	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/27/20 13:01	09/29/20 21:48	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/27/20 13:01	09/29/20 21:48	13127-88-3	
2-Fluorophenol (S)	70	%	43-96	1	09/27/20 13:01	09/29/20 21:48	367-12-4	
2,4,6-Tribromophenol (S)	74	%	41-108	1	09/27/20 13:01	09/29/20 21:48	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	17.2	1	09/25/20 15:43	09/30/20 18:02		
TPH-DRO	ND	mg/kg	17.2	1	09/25/20 15:43	09/30/20 18:02		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/25/20 15:43	09/30/20 18:02	4165-60-0	
2-Fluorobiphenyl (S)	80	%	39-136	1	09/25/20 15:43	09/30/20 18:02	321-60-8	
Terphenyl-d14 (S)	76	%	29-131	1	09/25/20 15:43	09/30/20 18:02	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**25.2**	ug/kg	15.3	1	09/23/20 10:09	09/23/20 18:16	67-64-1	
Benzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-27-4	
Bromoform	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-25-2	
Bromomethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.6	1	09/23/20 10:09	09/23/20 18:16	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.1	1	09/23/20 10:09	09/23/20 18:16	98-06-6	
Carbon disulfide	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	108-90-7	
Chloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-00-3	
Chloroform	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	67-66-3	
Chloromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	1	09/23/20 10:09	09/23/20 18:16	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-S-SO-(15-16) **Lab ID: 60348944007** Collected: 09/21/20 17:40 Received: 09/22/20 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	3.8	1	09/23/20 10:09	09/23/20 18:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-71-8	IL
1,1-Dichloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	87-68-3	
2-Hexanone	ND	ug/kg	15.3	1	09/23/20 10:09	09/23/20 18:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	99-87-6	
Methylene Chloride	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.6	1	09/23/20 10:09	09/23/20 18:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	1634-04-4	
Naphthalene	ND	ug/kg	7.6	1	09/23/20 10:09	09/23/20 18:16	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	103-65-1	
Styrene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	127-18-4	
Toluene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	108-67-8	
Vinyl chloride	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	75-01-4	
Xylene (Total)	ND	ug/kg	3.8	1	09/23/20 10:09	09/23/20 18:16	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/23/20 10:09	09/23/20 18:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/23/20 10:09	09/23/20 18:16	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: DPT-S-SO-(15-16) **Lab ID: 60348944007** Collected: 09/21/20 17:40 Received: 09/22/20 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)	101	%	78-118	1	09/23/20 10:09	09/23/20 18:16	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	0.38	1	09/23/20 10:30	09/23/20 18:16		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/23/20 10:30	09/23/20 18:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/23/20 10:30	09/23/20 18:16	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	80-123	1	09/23/20 10:30	09/23/20 18:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.5**	%	0.50	1		09/23/20 14:43		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-FB1 **Lab ID: 60348944008** Collected: 09/21/20 17:52 Received: 09/22/20 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 11:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	09/22/20 17:34	09/25/20 11:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	30-136	1	09/22/20 17:34	09/25/20 11:43	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:21	7440-38-2	
Barium	**10.2**	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:21	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:21	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/01/20 10:35	10/01/20 19:21	7440-47-3	
Lead	ND	ug/L	10.0	1	10/01/20 10:35	10/01/20 19:21	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 10:35	10/01/20 19:21	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 10:35	10/01/20 19:21	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 10:28	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:28	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:28	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 10:35	10/02/20 10:28	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 10:35	10/02/20 10:28	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 10:35	10/02/20 10:28	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 10:35	10/02/20 10:28	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/24/20 12:52	09/25/20 11:42	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	09/23/20 10:24	09/23/20 15:17	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	09/24/20 21:47	09/28/20 21:55		
TPH-DRO	ND	mg/L	1.0	1	09/24/20 21:47	09/28/20 21:55		
Surrogates								
Nitrobenzene-d5 (S)	66	%	27-106	1	09/24/20 21:47	09/28/20 21:55	4165-60-0	
2-Fluorobiphenyl (S)	68	%	29-108	1	09/24/20 21:47	09/28/20 21:55	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-FB1 **Lab ID: 60348944008** Collected: 09/21/20 17:52 Received: 09/22/20 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)	57	%	34-129	1	09/24/20 21:47	09/28/20 21:55	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 21:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/22/20 17:36	09/24/20 21:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-FB1 **Lab ID: 60348944008** Collected: 09/21/20 17:52 Received: 09/22/20 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 21:03	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	85-01-8	
Phenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/22/20 17:36	09/24/20 21:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/22/20 17:36	09/24/20 21:03	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	27-106	1	09/22/20 17:36	09/24/20 21:03	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-108	1	09/22/20 17:36	09/24/20 21:03	321-60-8	
Terphenyl-d14 (S)	95	%	34-129	1	09/22/20 17:36	09/24/20 21:03	1718-51-0	
Phenol-d6 (S)	28	%	10-44	1	09/22/20 17:36	09/24/20 21:03	13127-88-3	
2-Fluorophenol (S)	43	%	11-64	1	09/22/20 17:36	09/24/20 21:03	367-12-4	
2,4,6-Tribromophenol (S)	75	%	16-114	1	09/22/20 17:36	09/24/20 21:03	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 03:53	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 03:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 03:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 03:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 13:11	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 13:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 03:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 03:53	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-FB1 **Lab ID: 60348944008** Collected: 09/21/20 17:52 Received: 09/22/20 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		09/25/20 03:53	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 03:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 13:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 03:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 03:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 03:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 03:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 03:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 13:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 13:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 03:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 03:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 03:53	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 03:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 03:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 03:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 03:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 03:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 03:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 03:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 03:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 03:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 03:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 13:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 13:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 03:53	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 03:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 03:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 03:53	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 03:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 03:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 03:53	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 03:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 03:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 03:53	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 03:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 03:53	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 03:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 03:53	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60348944

Sample: PINE LAWN-FB1 **Lab ID: 60348944008** Collected: 09/21/20 17:52 Received: 09/22/20 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		09/25/20 03:53	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 03:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 03:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 03:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 03:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 03:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 03:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 03:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 03:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/25/20 03:53	17060-07-0	
Toluene-d8 (S)	104	%	80-120	1		09/25/20 03:53	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 03:53		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 13:11		
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/20 13:11	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1		09/25/20 13:11	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117	1		09/25/20 13:11	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 13:11		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944008

METHOD BLANK: 2744320 Matrix: Water
Associated Lab Samples: 60348944008

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678386
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348944008

METHOD BLANK: 2743105
Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	09/23/20 14:54	

LABORATORY CONTROL SAMPLE: 2743106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.3	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2743107 2743108

Parameter	Units	60348958003 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	5.2	5.1	104	101	75-125	2	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: PINE LAWN
Pace Project No.: 60348944

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: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2746899 Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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	

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 680128 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2749566 | Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

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: 60348944008

METHOD BLANK: 2749655
Matrix: Water
Associated Lab Samples: 60348944008

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: PINE LAWN
Pace Project No.: 60348944

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: 60348944008

METHOD BLANK: 2749674 Matrix: Water
Associated Lab Samples: 60348944008

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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944002, 60348944003, 60348944004, 60348944005, 60348944006, 60348944007

METHOD BLANK: 2743154
Matrix: Solid
Associated Lab Samples: 60348944002, 60348944003, 60348944004, 60348944005, 60348944006, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

METHOD BLANK: 2743154 Matrix: Solid
Associated Lab Samples: 60348944002, 60348944003, 60348944004, 60348944005, 60348944006, 60348944007

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	
Naphthalene	ug/kg	ND	10.0	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	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

LABORATORY CONTROL SAMPLE: 2743155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	104	104	64-137	
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	
Naphthalene	ug/kg	100	107	107	60-136	
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	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

LABORATORY CONTROL SAMPLE: 2743155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	97.9	98	78-118	
trans-1,3-Dichloropropene	ug/kg	100	105	105	81-123	
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	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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
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	
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	
Naphthalene	ug/kg	ND	128	127	87.5	77.8	64	57	10-156	12	34	
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			

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678763
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: 60348944001

METHOD BLANK: 2744448
Matrix: Solid
Associated Lab Samples: 60348944001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,1-Dichloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,1-Dichloroethene	ug/kg	ND	5.0	09/24/20 09:25	
1,1-Dichloropropene	ug/kg	ND	5.0	09/24/20 09:25	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/24/20 09:25	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/24/20 09:25	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dichloroethane	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 09:25	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
1,3-Dichloropropane	ug/kg	ND	5.0	09/24/20 09:25	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
2,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 09:25	
2-Butanone (MEK)	ug/kg	ND	10.0	09/24/20 09:25	
2-Chlorotoluene	ug/kg	ND	5.0	09/24/20 09:25	
2-Hexanone	ug/kg	ND	20.0	09/24/20 09:25	
4-Chlorotoluene	ug/kg	ND	5.0	09/24/20 09:25	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/24/20 09:25	
Acetone	ug/kg	ND	20.0	09/24/20 09:25	
Benzene	ug/kg	ND	5.0	09/24/20 09:25	
Bromobenzene	ug/kg	ND	5.0	09/24/20 09:25	
Bromochloromethane	ug/kg	ND	5.0	09/24/20 09:25	
Bromodichloromethane	ug/kg	ND	5.0	09/24/20 09:25	
Bromoform	ug/kg	ND	5.0	09/24/20 09:25	
Bromomethane	ug/kg	ND	5.0	09/24/20 09:25	
Carbon disulfide	ug/kg	ND	5.0	09/24/20 09:25	
Carbon tetrachloride	ug/kg	ND	5.0	09/24/20 09:25	
Chlorobenzene	ug/kg	ND	5.0	09/24/20 09:25	
Chloroethane	ug/kg	ND	5.0	09/24/20 09:25	
Chloroform	ug/kg	ND	5.0	09/24/20 09:25	
Chloromethane	ug/kg	ND	5.0	09/24/20 09:25	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

METHOD BLANK: 2744448 Matrix: Solid
Associated Lab Samples: 60348944001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 09:25	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 09:25	
Dibromochloromethane	ug/kg	ND	5.0	09/24/20 09:25	
Dibromomethane	ug/kg	ND	5.0	09/24/20 09:25	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/24/20 09:25	
Ethylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/24/20 09:25	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/24/20 09:25	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/24/20 09:25	
Methylene Chloride	ug/kg	ND	5.0	09/24/20 09:25	
n-Butylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
n-Propylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
Naphthalene	ug/kg	ND	10.0	09/24/20 09:25	
p-Isopropyltoluene	ug/kg	ND	5.0	09/24/20 09:25	
sec-Butylbenzene	ug/kg	ND	5.0	09/24/20 09:25	
Styrene	ug/kg	ND	5.0	09/24/20 09:25	
tert-Butylbenzene	ug/kg	ND	25.0	09/24/20 09:25	
Tetrachloroethene	ug/kg	ND	5.0	09/24/20 09:25	
Toluene	ug/kg	ND	5.0	09/24/20 09:25	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 09:25	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 09:25	
Trichloroethene	ug/kg	ND	5.0	09/24/20 09:25	
Trichlorofluoromethane	ug/kg	ND	5.0	09/24/20 09:25	
Vinyl chloride	ug/kg	ND	5.0	09/24/20 09:25	
Xylene (Total)	ug/kg	ND	5.0	09/24/20 09:25	
1,2-Dichloroethane-d4 (S)	%	98	78-118	09/24/20 09:25	
4-Bromofluorobenzene (S)	%	98	85-115	09/24/20 09:25	
Toluene-d8 (S)	%	103	80-120	09/24/20 09:25	

LABORATORY CONTROL SAMPLE: 2744449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	102	102	84-125	
1,1,1-Trichloroethane	ug/kg	100	99.7	100	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	94.1	94	76-121	
1,1,2-Trichloroethane	ug/kg	100	99.2	99	83-118	
1,1-Dichloroethane	ug/kg	100	102	102	74-120	
1,1-Dichloroethene	ug/kg	100	103	103	71-124	
1,1-Dichloropropene	ug/kg	100	89.8	90	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	103	103	81-123	
1,2,3-Trichloropropane	ug/kg	100	96.3	96	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	104	104	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	99.3	99	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	96.0	96	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

LABORATORY CONTROL SAMPLE: 2744449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	102	102	64-137	
1,2-Dichlorobenzene	ug/kg	100	99.7	100	83-119	
1,2-Dichloroethane	ug/kg	100	90.4	90	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	202	101	82-117	
1,2-Dichloropropane	ug/kg	100	95.4	95	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	100	100	81-122	
1,3-Dichlorobenzene	ug/kg	100	101	101	83-119	
1,3-Dichloropropane	ug/kg	100	98.8	99	83-118	
1,4-Dichlorobenzene	ug/kg	100	94.1	94	83-116	
2,2-Dichloropropane	ug/kg	100	98.9	99	76-124	
2-Butanone (MEK)	ug/kg	500	458	92	63-122	
2-Chlorotoluene	ug/kg	100	96.1	96	79-119	
2-Hexanone	ug/kg	500	466	93	68-122	
4-Chlorotoluene	ug/kg	100	97.2	97	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	463	93	63-128	
Acetone	ug/kg	500	420	84	55-124	
Benzene	ug/kg	100	94.9	95	67-126	
Bromobenzene	ug/kg	100	98.7	99	85-117	
Bromochloromethane	ug/kg	100	103	103	78-122	
Bromodichloromethane	ug/kg	100	99.6	100	82-120	
Bromoform	ug/kg	100	110	110	77-133	
Bromomethane	ug/kg	100	82.8	83	20-168	
Carbon disulfide	ug/kg	100	117	117	60-133	
Carbon tetrachloride	ug/kg	100	109	109	79-128	
Chlorobenzene	ug/kg	100	100	100	84-118	
Chloroethane	ug/kg	100	88.7	89	53-139	
Chloroform	ug/kg	100	98.0	98	82-120	
Chloromethane	ug/kg	100	60.8	61	33-143	
cis-1,2-Dichloroethene	ug/kg	100	98.9	99	83-117	
cis-1,3-Dichloropropene	ug/kg	100	97.6	98	80-122	
Dibromochloromethane	ug/kg	100	110	110	82-128	
Dibromomethane	ug/kg	100	97.8	98	82-119	
Dichlorodifluoromethane	ug/kg	100	46.0	46	12-159	
Ethylbenzene	ug/kg	100	99.6	100	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	107	107	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	100	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	91.7	92	58-137	
Methylene Chloride	ug/kg	100	90.6	91	68-125	
n-Butylbenzene	ug/kg	100	108	108	73-131	
n-Propylbenzene	ug/kg	100	100	100	82-122	
Naphthalene	ug/kg	100	105	105	60-136	
p-Isopropyltoluene	ug/kg	100	93.8	94	74-129	
sec-Butylbenzene	ug/kg	100	111	111	71-133	
Styrene	ug/kg	100	104	104	84-121	
tert-Butylbenzene	ug/kg	100	100	100	81-122	
Tetrachloroethene	ug/kg	100	109	109	78-130	
Toluene	ug/kg	100	98.8	99	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

LABORATORY CONTROL SAMPLE: 2744449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	103	103	78-118	
trans-1,3-Dichloropropene	ug/kg	100	104	104	81-123	
Trichloroethene	ug/kg	100	103	103	78-127	
Trichlorofluoromethane	ug/kg	100	105	105	64-133	
Vinyl chloride	ug/kg	100	77.2	77	45-139	
Xylene (Total)	ug/kg	300	299	100	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			94	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744450 2744451

Parameter	Units	60348965004 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	123	123	101	112	83	91	13-133	10	39	
1,1,1-Trichloroethane	ug/kg	ND	123	123	94.1	102	77	83	30-131	8	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	123	123	99.2	108	81	88	10-139	9	49	
1,1,2-Trichloroethane	ug/kg	ND	123	123	99.9	110	81	89	10-145	9	41	
1,1-Dichloroethane	ug/kg	ND	123	123	91.5	94.1	75	76	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	123	123	78.4	84.1	64	68	34-118	7	30	
1,1-Dichloropropene	ug/kg	ND	123	123	92.2	99.3	75	81	29-116	7	30	
1,2,3-Trichlorobenzene	ug/kg	ND	123	123	96.5	108	79	88	10-115	11	40	
1,2,3-Trichloropropane	ug/kg	ND	123	123	101	114	83	92	10-150	11	46	
1,2,4-Trichlorobenzene	ug/kg	ND	123	123	94.3	105	77	85	10-115	11	44	
1,2,4-Trimethylbenzene	ug/kg	ND	123	123	95.9	106	78	86	10-123	10	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	123	123	96.7	106	79	86	10-136	10	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	123	123	101	112	83	91	24-149	10	29	
1,2-Dichlorobenzene	ug/kg	ND	123	123	96.9	106	79	86	10-123	9	41	
1,2-Dichloroethane	ug/kg	ND	123	123	89.9	99.5	73	80	23-140	10	29	
1,2-Dichloroethene (Total)	ug/kg	ND	245	247	182	198	74	80	30-119	8	32	
1,2-Dichloropropane	ug/kg	ND	123	123	94.6	103	77	84	13-132	9	33	
1,3,5-Trimethylbenzene	ug/kg	ND	123	123	96.8	107	79	87	10-124	10	40	
1,3-Dichlorobenzene	ug/kg	ND	123	123	94.8	105	77	85	10-122	10	42	
1,3-Dichloropropane	ug/kg	ND	123	123	99.2	109	81	88	10-135	9	36	
1,4-Dichlorobenzene	ug/kg	ND	123	123	94.3	104	77	84	10-120	10	38	
2,2-Dichloropropane	ug/kg	ND	123	123	87.4	94.9	71	77	22-135	8	31	
2-Butanone (MEK)	ug/kg	ND	613	617	446	494	73	80	12-127	10	37	
2-Chlorotoluene	ug/kg	ND	123	123	94.3	104	77	84	10-126	10	38	
2-Hexanone	ug/kg	ND	613	617	480	526	78	85	10-135	9	37	
4-Chlorotoluene	ug/kg	ND	123	123	95.9	105	78	85	10-129	9	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	613	617	470	518	77	84	10-129	10	36	
Acetone	ug/kg	ND	613	617	387	429	62	69	10-143	10	34	
Benzene	ug/kg	ND	123	123	91.0	98.9	74	80	37-135	8	24	
Bromobenzene	ug/kg	ND	123	123	99.5	110	81	89	10-134	10	45	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744450 2744451

Parameter	Units	60348965004 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	123	123	97.5	106	80	86	17-129	8	34	
Bromodichloromethane	ug/kg	ND	123	123	98.6	108	80	88	12-130	9	33	
Bromoform	ug/kg	ND	123	123	106	117	87	95	10-135	9	39	
Bromomethane	ug/kg	ND	123	123	46.8	50.5	38	41	10-124	8	41	
Carbon disulfide	ug/kg	ND	123	123	67.1	72.2	55	59	17-116	7	28	
Carbon tetrachloride	ug/kg	ND	123	123	94.1	103	77	84	29-127	9	35	
Chlorobenzene	ug/kg	ND	123	123	98.8	109	81	88	10-133	10	33	
Chloroethane	ug/kg	ND	123	123	59.2	63.2	48	51	25-116	7	33	
Chloroform	ug/kg	ND	123	123	96.3	105	79	85	20-130	8	30	
Chloromethane	ug/kg	ND	123	123	36.1	38.1	29	31	10-113	5	31	
cis-1,2-Dichloroethene	ug/kg	ND	123	123	93.3	102	76	83	22-126	9	31	
cis-1,3-Dichloropropene	ug/kg	ND	123	123	96.4	105	79	86	10-125	9	34	
Dibromochloromethane	ug/kg	ND	123	123	102	114	83	92	10-138	11	38	
Dibromomethane	ug/kg	ND	123	123	98.4	108	80	88	13-129	10	38	
Dichlorodifluoromethane	ug/kg	ND	123	123	23.7	23.9	19	19	10-114	1	33	
Ethylbenzene	ug/kg	ND	123	123	99.7	107	81	87	31-142	7	25	
Hexachloro-1,3-butadiene	ug/kg	ND	123	123	97.6	107	80	87	10-124	9	41	
Isopropylbenzene (Cumene)	ug/kg	ND	123	123	99.9	108	81	88	17-120	8	34	
Methyl-tert-butyl ether	ug/kg	ND	123	123	91.5	101	75	82	30-143	10	28	
Methylene Chloride	ug/kg	ND	123	123	83.2	90.4	68	73	24-121	8	33	
n-Butylbenzene	ug/kg	ND	123	123	95.7	106	78	86	10-121	10	36	
n-Propylbenzene	ug/kg	ND	123	123	96.5	107	79	86	12-125	10	37	
Naphthalene	ug/kg	ND	123	123	104	117	85	95	10-156	12	34	
p-Isopropyltoluene	ug/kg	ND	123	123	97.7	108	80	87	10-119	10	37	
sec-Butylbenzene	ug/kg	ND	123	123	97.7	107	80	87	10-127	9	40	
Styrene	ug/kg	ND	123	123	98.7	109	81	88	10-124	10	37	
tert-Butylbenzene	ug/kg	ND	123	123	97.5	107	80	87	10-126	10	37	
Tetrachloroethene	ug/kg	ND	123	123	101	111	83	90	15-133	9	36	
Toluene	ug/kg	ND	123	123	95.4	105	78	85	40-137	10	25	
trans-1,2-Dichloroethene	ug/kg	ND	123	123	89.0	96.5	73	78	22-129	8	34	
trans-1,3-Dichloropropene	ug/kg	ND	123	123	97.2	110	79	89	10-130	12	35	
Trichloroethene	ug/kg	ND	123	123	97.6	106	80	86	19-135	8	34	
Trichlorofluoromethane	ug/kg	ND	123	123	70.7	74.9	58	61	16-132	6	28	
Vinyl chloride	ug/kg	ND	123	123	45.4	48.2	37	39	14-116	6	28	
Xylene (Total)	ug/kg	ND	368	369	291	320	79	87	19-153	10	27	
1,2-Dichloroethane-d4 (S)	%						98	99	78-118			
4-Bromofluorobenzene (S)	%						96	97	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678750
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: 60348944008

METHOD BLANK: 2744398
Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,1-Dichloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,1-Dichloroethene	ug/L	ND	1.0	09/25/20 01:57	
1,1-Dichloropropene	ug/L	ND	1.0	09/25/20 01:57	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/25/20 01:57	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/25/20 01:57	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/25/20 01:57	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
1,2-Dichloroethane	ug/L	ND	1.0	09/25/20 01:57	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/25/20 01:57	
1,2-Dichloropropane	ug/L	ND	1.0	09/25/20 01:57	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/25/20 01:57	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
1,3-Dichloropropane	ug/L	ND	1.0	09/25/20 01:57	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
2,2-Dichloropropane	ug/L	ND	1.0	09/25/20 01:57	
2-Butanone (MEK)	ug/L	ND	10.0	09/25/20 01:57	
2-Chlorotoluene	ug/L	ND	1.0	09/25/20 01:57	
2-Hexanone	ug/L	ND	10.0	09/25/20 01:57	
4-Chlorotoluene	ug/L	ND	1.0	09/25/20 01:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/25/20 01:57	
Acetone	ug/L	ND	10.0	09/25/20 01:57	
Benzene	ug/L	ND	1.0	09/25/20 01:57	
Bromobenzene	ug/L	ND	1.0	09/25/20 01:57	
Bromochloromethane	ug/L	ND	1.0	09/25/20 01:57	
Bromomethane	ug/L	ND	5.0	09/25/20 01:57	
Carbon disulfide	ug/L	ND	5.0	09/25/20 01:57	
Chlorobenzene	ug/L	ND	1.0	09/25/20 01:57	
Chloroethane	ug/L	ND	1.0	09/25/20 01:57	
Chloroform	ug/L	ND	1.0	09/25/20 01:57	
Chloromethane	ug/L	ND	1.0	09/25/20 01:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 01:57	
Dibromomethane	ug/L	ND	1.0	09/25/20 01:57	
Dichlorodifluoromethane	ug/L	ND	1.0	09/25/20 01:57	
Ethylbenzene	ug/L	ND	1.0	09/25/20 01:57	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

METHOD BLANK: 2744398 Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/25/20 01:57	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/25/20 01:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/25/20 01:57	
Methylene Chloride	ug/L	ND	1.0	09/25/20 01:57	
n-Butylbenzene	ug/L	ND	1.0	09/25/20 01:57	
n-Propylbenzene	ug/L	ND	1.0	09/25/20 01:57	
Naphthalene	ug/L	ND	10.0	09/25/20 01:57	
p-Isopropyltoluene	ug/L	ND	1.0	09/25/20 01:57	
sec-Butylbenzene	ug/L	ND	1.0	09/25/20 01:57	
Styrene	ug/L	ND	1.0	09/25/20 01:57	
tert-Butylbenzene	ug/L	ND	1.0	09/25/20 01:57	
Tetrachloroethene	ug/L	ND	1.0	09/25/20 01:57	
Toluene	ug/L	ND	1.0	09/25/20 01:57	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 01:57	
Trichloroethene	ug/L	ND	1.0	09/25/20 01:57	
Trichlorofluoromethane	ug/L	ND	1.0	09/25/20 01:57	
Vinyl chloride	ug/L	ND	1.0	09/25/20 01:57	
Xylene (Total)	ug/L	ND	3.0	09/25/20 01:57	
1,2-Dichloroethane-d4 (S)	%	99	86-117	09/25/20 01:57	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 01:57	
Toluene-d8 (S)	%	103	80-120	09/25/20 01:57	

LABORATORY CONTROL SAMPLE: 2744399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	15.9	80	85-118	L2
1,1,1-Trichloroethane	ug/L	20	16.3	82	85-118	L2
1,1,2,2-Tetrachloroethane	ug/L	20	16.6	83	78-118	
1,1,2-Trichloroethane	ug/L	20	19.0	95	82-117	
1,1-Dichloroethane	ug/L	20	18.7	94	85-120	
1,1-Dichloroethene	ug/L	20	20.9	104	81-124	
1,1-Dichloropropene	ug/L	20	16.2	81	71-119	
1,2,3-Trichlorobenzene	ug/L	20	16.2	81	76-120	
1,2,3-Trichloropropane	ug/L	20	17.8	89	78-123	
1,2,4-Trichlorobenzene	ug/L	20	16.1	80	77-117	
1,2,4-Trimethylbenzene	ug/L	20	19.7	99	85-120	
1,2-Dibromoethane (EDB)	ug/L	20	18.0	90	83-120	
1,2-Dichlorobenzene	ug/L	20	19.6	98	80-120	
1,2-Dichloroethane	ug/L	20	18.2	91	79-118	
1,2-Dichloroethene (Total)	ug/L	40	36.8	92	84-118	
1,2-Dichloropropane	ug/L	20	18.1	91	85-117	
1,3,5-Trimethylbenzene	ug/L	20	19.9	100	80-118	
1,3-Dichlorobenzene	ug/L	20	19.5	97	80-120	
1,3-Dichloropropane	ug/L	20	18.3	91	85-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

LABORATORY CONTROL SAMPLE: 2744399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.0	95	84-115	
2,2-Dichloropropane	ug/L	20	12.9	65	60-129	
2-Butanone (MEK)	ug/L	100	93.4	93	70-125	
2-Chlorotoluene	ug/L	20	19.4	97	84-115	
2-Hexanone	ug/L	100	91.4	91	76-126	
4-Chlorotoluene	ug/L	20	18.8	94	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.3	95	73-131	
Acetone	ug/L	100	126	126	59-135	
Benzene	ug/L	20	19.0	95	82-115	
Bromobenzene	ug/L	20	20.0	100	84-115	
Bromochloromethane	ug/L	20	19.0	95	85-125	
Bromomethane	ug/L	20	14.7	74	27-179	
Carbon disulfide	ug/L	20	21.7	108	72-134	
Chlorobenzene	ug/L	20	19.7	99	80-120	
Chloroethane	ug/L	20	22.5	112	78-145	
Chloroform	ug/L	20	17.9	89	84-116	
Chloromethane	ug/L	20	14.8	74	48-160	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	85-115	
Dibromomethane	ug/L	20	18.7	93	81-122	
Dichlorodifluoromethane	ug/L	20	8.0	40	50-173	L2,SS
Ethylbenzene	ug/L	20	18.7	94	79-115	
Hexachloro-1,3-butadiene	ug/L	20	16.5	83	75-120	
Isopropylbenzene (Cumene)	ug/L	20	19.5	98	84-117	
Methyl-tert-butyl ether	ug/L	20	18.2	91	77-126	
Methylene Chloride	ug/L	20	21.2	106	80-126	
n-Butylbenzene	ug/L	20	19.2	96	81-120	
n-Propylbenzene	ug/L	20	19.4	97	80-116	
Naphthalene	ug/L	20	15.8	79	73-126	
p-Isopropyltoluene	ug/L	20	18.3	91	74-121	
sec-Butylbenzene	ug/L	20	22.1	111	75-130	
Styrene	ug/L	20	20.6	103	80-117	
tert-Butylbenzene	ug/L	20	19.5	98	84-116	
Tetrachloroethene	ug/L	20	18.7	94	83-119	
Toluene	ug/L	20	19.1	96	83-115	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	80-124	
Trichloroethene	ug/L	20	19.8	99	80-118	
Trichlorofluoromethane	ug/L	20	22.1	111	83-133	
Vinyl chloride	ug/L	20	18.0	90	76-144	
Xylene (Total)	ug/L	60	58.6	98	82-120	
1,2-Dichloroethane-d4 (S)	%			96	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678965
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: 60348944008

METHOD BLANK: 2745239 Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/25/20 11:51	
Bromodichloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromoform	ug/L	ND	1.0	09/25/20 11:51	
Carbon tetrachloride	ug/L	ND	1.0	09/25/20 11:51	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Dibromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	100	68-125	
Bromodichloromethane	ug/L	20	21.9	109	82-123	
Bromoform	ug/L	20	23.2	116	66-133	
Carbon tetrachloride	ug/L	20	20.7	103	80-121	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	85-117	
Dibromochloromethane	ug/L	20	22.7	113	82-122	
trans-1,3-Dichloropropene	ug/L	20	22.7	113	83-117	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	<23.8	20	20	18.1	18.8	90	94	56-128	4	33	
Bromodichloromethane	ug/L	<3.0	20	20	21.2	21.4	106	107	71-124	1	19	
Bromoform	ug/L	<9.5	20	20	20.7	20.4	103	102	56-113	1	18	
Carbon tetrachloride	ug/L	<4.8	20	20	21.6	22.5	108	113	84-130	4	21	
cis-1,3-Dichloropropene	ug/L	<3.2	20	20	21.3	20.7	106	104	60-124	3	20	
Dibromochloromethane	ug/L	<4.2	20	20	21.6	21.6	108	108	68-123	0	24	
trans-1,3-Dichloropropene	ug/L	<4.2	20	20	20.6	21.4	103	107	69-121	4	24	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 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)	%						98	101	86-117			
4-Bromofluorobenzene (S)	%						97	98	80-120			
Toluene-d8 (S)	%						102	98	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678959
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: 60348944008

METHOD BLANK: 2745226
Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	4140	103	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2743160
Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 679537
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2747540 Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	10/01/20 15:18	
Decachlorobiphenyl (S)	%	89	28-143	10/01/20 15:18	

LABORATORY CONTROL SAMPLE: 2747541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	148	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	152	93	56-128	
Decachlorobiphenyl (S)	%			87	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747542 2747543

Parameter	Units	60348944003 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	177	185	144	156	82	84	38-131	8	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	177	185	177	184	100	99	30-141	4	40	
Decachlorobiphenyl (S)	%						87	86	28-143			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944008

METHOD BLANK: 2742801
Matrix: Water
Associated Lab Samples: 60348944008

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

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

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: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2745200
Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678835
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60348944008

METHOD BLANK: 2744639
Matrix: Water
Associated Lab Samples: 60348944008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/28/20 21:15	
TPH-ORO	mg/L	ND	1.0	09/28/20 21:15	
2-Fluorobiphenyl (S)	%	50	29-108	09/28/20 21:15	
Nitrobenzene-d5 (S)	%	49	27-106	09/28/20 21:15	
Terphenyl-d14 (S)	%	43	34-129	09/28/20 21:15	

LABORATORY CONTROL SAMPLE: 2744640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	43.2	43	33-130	
2-Fluorobiphenyl (S)	%			49	29-108	
Nitrobenzene-d5 (S)	%			47	27-106	
Terphenyl-d14 (S)	%			46	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60348944

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: 60348944008

METHOD BLANK: 2742155
Matrix: Water
Associated Lab Samples: 60348944008

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: PINE LAWN
Pace Project No.: 60348944

METHOD BLANK: 2742155 Matrix: Water
Associated Lab Samples: 60348944008

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

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: PINE LAWN
Pace Project No.: 60348944

QC Batch: 678471
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

METHOD BLANK: 2743343
Matrix: Solid
Associated Lab Samples: 60348944001, 60348944002, 60348944003, 60348944004, 60348944005, 60348944007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/23/20 14:42	

SAMPLE DUPLICATE: 2743344

Parameter	Units	60348909016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.2	18.3	1	20	

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QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60348944

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: 678750

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

Batch: 678959

[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.
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.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60348944

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 3546	679537	EPA 8082	680254
60348944002	**DPT-2-SO-(3-5)**	EPA 3546	679537	EPA 8082	680254
60348944003	**DPT-3-SO-(28-28.8)**	EPA 3546	679537	EPA 8082	680254
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 3546	679537	EPA 8082	680254
60348944005	**DPT-4-SO-(28-29)**	EPA 3546	679537	EPA 8082	680254
60348944007	**DPT-S-SO-(15-16)**	EPA 3546	679537	EPA 8082	680254
60348944008	**PINE LAWN-FB1**	EPA 3510	678318	EPA 8082	678663
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 3050	680128	EPA 6010	680456
60348944002	**DPT-2-SO-(3-5)**	EPA 3050	680128	EPA 6010	680456
60348944003	**DPT-3-SO-(28-28.8)**	EPA 3050	680128	EPA 6010	680456
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 3050	680128	EPA 6010	680456
60348944005	**DPT-4-SO-(28-29)**	EPA 3050	680128	EPA 6010	680456
60348944007	**DPT-S-SO-(15-16)**	EPA 3050	680128	EPA 6010	680456
60348944008	**PINE LAWN-FB1**	EPA 3010	680174	EPA 6010	680281
60348944008	**PINE LAWN-FB1**	EPA 3010	680184	EPA 6010	680286
60348944008	**PINE LAWN-FB1**	EPA 7470	678729	EPA 7470	678788
60348944008	**PINE LAWN-FB1**	EPA 7470	678386	EPA 7470	678470
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 7471	679313	EPA 7471	679470
60348944002	**DPT-2-SO-(3-5)**	EPA 7471	679313	EPA 7471	679470
60348944003	**DPT-3-SO-(28-28.8)**	EPA 7471	679313	EPA 7471	679470
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 7471	679313	EPA 7471	679470
60348944005	**DPT-4-SO-(28-29)**	EPA 7471	679313	EPA 7471	679470
60348944007	**DPT-S-SO-(15-16)**	EPA 7471	679313	EPA 7471	679470
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 3546	678954	EPA 8270	679637
60348944002	**DPT-2-SO-(3-5)**	EPA 3546	678954	EPA 8270	679637
60348944003	**DPT-3-SO-(28-28.8)**	EPA 3546	678954	EPA 8270	679637
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 3546	678954	EPA 8270	679637
60348944005	**DPT-4-SO-(28-29)**	EPA 3546	678954	EPA 8270	679637
60348944007	**DPT-S-SO-(15-16)**	EPA 3546	678954	EPA 8270	679637
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 3546	678956	EPA 8270	679490
60348944002	**DPT-2-SO-(3-5)**	EPA 3546	678956	EPA 8270	679490
60348944003	**DPT-3-SO-(28-28.8)**	EPA 3546	678956	EPA 8270	679490
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 3546	678956	EPA 8270	679490
60348944005	**DPT-4-SO-(28-29)**	EPA 3546	678956	EPA 8270	679490
60348944007	**DPT-S-SO-(15-16)**	EPA 3546	678956	EPA 8270	679490
60348944008	**PINE LAWN-FB1**	EPA 3510C	678835	EPA 8270	679489
60348944008	**PINE LAWN-FB1**	EPA 3510	678083	EPA 8270	678831
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 5035A/5030	678763	EPA 8260B	678885
60348944002	**DPT-2-SO-(3-5)**	EPA 5035A/5030	678413	EPA 8260B	678488
60348944003	**DPT-3-SO-(28-28.8)**	EPA 5035A/5030	678413	EPA 8260B	678488
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 5035A/5030	678413	EPA 8260B	678488
60348944005	**DPT-4-SO-(28-29)**	EPA 5035A/5030	678413	EPA 8260B	678488

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60348944

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60348944006	**PINE LAWN-SO-TB1**	EPA 5035A/5030	678413	EPA 8260B	678488
60348944007	**DPT-S-SO-(15-16)**	EPA 5035A/5030	678413	EPA 8260B	678488
60348944008	**PINE LAWN-FB1**	EPA 5030B/8260	678750		
60348944008	**PINE LAWN-FB1**	EPA 5030B/8260	678965		
60348944008	**PINE LAWN-FB1**	EPA 8260	678959		
60348944001	**DPT-1-SO-(5.5-6.5)**	EPA 5035	678414	EPA 8260	678489
60348944002	**DPT-2-SO-(3-5)**	EPA 5035	678414	EPA 8260	678489
60348944003	**DPT-3-SO-(28-28.8)**	EPA 5035	678414	EPA 8260	678489
60348944004	**DPT-3-SO-(28-28.8)-FD**	EPA 5035	678414	EPA 8260	678489
60348944005	**DPT-4-SO-(28-29)**	EPA 5035	678414	EPA 8260	678489
60348944007	**DPT-S-SO-(15-16)**	EPA 5035	678414	EPA 8260	678489
60348944001	**DPT-1-SO-(5.5-6.5)**	ASTM D2974	678471		
60348944002	**DPT-2-SO-(3-5)**	ASTM D2974	678471		
60348944003	**DPT-3-SO-(28-28.8)**	ASTM D2974	678471		
60348944004	**DPT-3-SO-(28-28.8)-FD**	ASTM D2974	678471		
60348944005	**DPT-4-SO-(28-29)**	ASTM D2974	678471		
60348944007	**DPT-S-SO-(15-16)**	ASTM D2974	678471		

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Sample Condition Upon Receipt

WO# : 60348944

60348944

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 ☒ Ziplc

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

Cooler Temperature (°C): **As-read** 2.4 **Corr. Factor** +0.2 **Corrected** 2.6

Date and initials of person examining contents: 9.22.2020 K

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	COC Reads water for Pine
Sample labels match COC: Date / time / ID / analyses	☒Yes ☐No ☐N/A	Lawn - TBI received soil
Samples contain multiple phases? Matrix: WT / SL	☐Yes ☒No ☐N/A	trip blanks
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# 603173	☒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: MO	☐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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

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:	Pine Lawn
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: MO

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 Sodium Bisulfate (Y/N)	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-1-SO-(5.5-6.5)	SL	G			9/21/20	1411		7	4						1	2	X	X	X	X	X	X			60348461
2	DPT-2-SO-(3-5)	SL	G				1526		7	4						1	2	X	X	X	X	X	X			
3	DPT-3-SO-(28-28.8)	SL	G				1606		7	4						1	2	X	X	X	X	X	X			
4	DPT-3-SO-(28-28.8)-FD	SL	G				1606		7	4						1	2	X	X	X	X	X	X			
5	DPT-4-SO-(28-29)	SL	G				1641		7	4						1	2	X	X	X	X	X	X			
6	Pine Lawn-SO-TB1	WT	G				1710		2				2									X				
7	DPT-5-SO-(15-16)	SL	G				1740		7	4						1	2	X	X	X	X	X	X			
8	Pine Lawn-FB1	WT	G				1752		13	6		2	5					X	X	X	X	X	X	X		
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Stephanie Caples	9/21/20	1815	Nzipt / Pa.	9.22.20	0415	2.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephanie Caples & Thomas Kaley

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/21/20

*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: PINE LAWN
Pace Project No.: 60349230

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349230

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: PINE LAWN
Pace Project No.: 60349230

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349230001	**DPT-9-SO-(29-30)**	Solid	09/22/20 15:46	09/23/20 04:59
60349230002	**DPT-10-SO-(29-30)**	Solid	09/22/20 16:42	09/23/20 04:59
60349230003	**PINE LAWN-SO-TB4**	Solid	09/22/20 17:30	09/23/20 04:59
60349230004	**DPT-11-SO-(2-3)**	Solid	09/22/20 17:41	09/23/20 04:59
60349230005	**DPT-11-SO-(12-13)**	Solid	09/22/20 17:51	09/23/20 04:59
60349230006	**DPT-11-SO-(29-30)**	Solid	09/22/20 18:22	09/23/20 04:59

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349230

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349230001	**DPT-9-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349230002	**DPT-10-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349230003	**PINE LAWN-SO-TB4**	EPA 8260B	RAD	68	PASI-K
60349230004	**DPT-11-SO-(2-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349230005	**DPT-11-SO-(12-13)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349230006	**DPT-11-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349230

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

Pace Analytical Services, LLC
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(913)599-5665

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-9-SO-(29-30) **Lab ID: 60349230001** Collected: 09/22/20 15:46 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	38.9	1	09/29/20 15:19	10/01/20 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 19:27	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84	%	28-143	1	09/29/20 15:19	10/01/20 19:27	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.0**	mg/kg	0.97	1	10/02/20 10:03	10/05/20 13:39	7440-38-2	
Barium	**69.8**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:39	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:39	7440-43-9	
Chromium	**26.8**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:39	7440-47-3	
Lead	**11.2**	mg/kg	0.97	1	10/02/20 10:03	10/05/20 13:39	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/02/20 10:03	10/05/20 13:39	7782-49-2	
Silver	ND	mg/kg	0.68	1	10/02/20 10:03	10/05/20 13:39	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.054	1	09/30/20 18:07	10/01/20 12:31	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	83-32-9	
Acenaphthylene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	208-96-8	
Anthracene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	207-08-9	
Benzoic Acid	ND	ug/kg	1960	1	09/27/20 13:01	09/29/20 22:09	65-85-0	L1
Benzyl alcohol	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	85-68-7	
Carbazole	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	59-50-7	
4-Chloroaniline	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	108-60-1	
2-Chloronaphthalene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	91-58-7	

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-9-SO-(29-30) **Lab ID: 60349230001** Collected: 09/22/20 15:46 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	387	1	09/27/20 13:01	09/29/20 22:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	7005-72-3	
Chrysene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	53-70-3	
Dibenzofuran	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	120-83-2	
Diethylphthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	105-67-9	
Dimethylphthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1960	1	09/27/20 13:01	09/29/20 22:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1960	1	09/27/20 13:01	09/29/20 22:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	117-81-7	
Fluoranthene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	206-44-0	
Fluorene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	77-47-4	
Hexachloroethane	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	193-39-5	
Isophorone	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	78-59-1	
2-Methylnaphthalene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	15831-10-4	
Naphthalene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	91-20-3	
2-Nitroaniline	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	88-74-4	
3-Nitroaniline	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	99-09-2	
4-Nitroaniline	ND	ug/kg	775	1	09/27/20 13:01	09/29/20 22:09	100-01-6	
Nitrobenzene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	98-95-3	
2-Nitrophenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	88-75-5	
4-Nitrophenol	ND	ug/kg	1960	1	09/27/20 13:01	09/29/20 22:09	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	86-30-6	
Pentachlorophenol	ND	ug/kg	1960	1	09/27/20 13:01	09/29/20 22:09	87-86-5	
Phenanthrene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	85-01-8	
Phenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	108-95-2	
Pyrene	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	129-00-0	
Pyridine	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-9-SO-(29-30) **Lab ID: 60349230001** Collected: 09/22/20 15:46 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	387	1	09/27/20 13:01	09/29/20 22:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	387	1	09/27/20 13:01	09/29/20 22:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	33-132	1	09/27/20 13:01	09/29/20 22:09	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-136	1	09/27/20 13:01	09/29/20 22:09	321-60-8	
Terphenyl-d14 (S)	79	%	29-131	1	09/27/20 13:01	09/29/20 22:09	1718-51-0	
Phenol-d6 (S)	71	%	43-95	1	09/27/20 13:01	09/29/20 22:09	13127-88-3	
2-Fluorophenol (S)	71	%	43-96	1	09/27/20 13:01	09/29/20 22:09	367-12-4	
2,4,6-Tribromophenol (S)	72	%	41-108	1	09/27/20 13:01	09/29/20 22:09	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	17.6	1	09/25/20 15:43	10/01/20 18:38		
TPH-DRO	ND	mg/kg	17.6	1	09/25/20 15:43	10/01/20 18:38		
Surrogates								
Nitrobenzene-d5 (S)	88	%	33-132	1	09/25/20 15:43	10/01/20 18:38	4165-60-0	
2-Fluorobiphenyl (S)	93	%	39-136	1	09/25/20 15:43	10/01/20 18:38	321-60-8	
Terphenyl-d14 (S)	94	%	29-131	1	09/25/20 15:43	10/01/20 18:38	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	19.0	1	09/24/20 16:10	09/24/20 22:28	67-64-1	
Benzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-27-4	
Bromoform	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-25-2	
Bromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.5	1	09/24/20 16:10	09/24/20 22:28	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	23.8	1	09/24/20 16:10	09/24/20 22:28	98-06-6	
Carbon disulfide	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	108-90-7	
Chloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-00-3	
Chloroform	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	67-66-3	
Chloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.5	1	09/24/20 16:10	09/24/20 22:28	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-9-SO-(29-30) **Lab ID: 60349230001** Collected: 09/22/20 15:46 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.8	1	09/24/20 16:10	09/24/20 22:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	87-68-3	
2-Hexanone	ND	ug/kg	19.0	1	09/24/20 16:10	09/24/20 22:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.5	1	09/24/20 16:10	09/24/20 22:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	1634-04-4	
Naphthalene	ND	ug/kg	9.5	1	09/24/20 16:10	09/24/20 22:28	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	103-65-1	
Styrene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	127-18-4	
Toluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	75-01-4	
Xylene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 22:28	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 16:10	09/24/20 22:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/24/20 16:10	09/24/20 22:28	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-9-SO-(29-30) **Lab ID: 60349230001** Collected: 09/22/20 15:46 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	109	%	78-118	1	09/24/20 16:10	09/24/20 22:28	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	0.48	1	09/24/20 16:10	09/24/20 22:28		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/24/20 16:10	09/24/20 22:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/24/20 16:10	09/24/20 22:28	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-123	1	09/24/20 16:10	09/24/20 22:28	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**15.3**	%	0.50	1		09/24/20 14:27		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-10-SO-(29-30) **Lab ID: 60349230002** Collected: 09/22/20 16:42 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	39.2	1	09/29/20 15:19	10/01/20 19:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 19:45	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/29/20 15:19	10/01/20 19:45	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.4**	mg/kg	1.0	1	10/02/20 10:03	10/05/20 13:46	7440-38-2	
Barium	**65.9**	mg/kg	0.51	1	10/02/20 10:03	10/05/20 13:46	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	10/02/20 10:03	10/05/20 13:46	7440-43-9	
Chromium	**24.0**	mg/kg	0.51	1	10/02/20 10:03	10/05/20 13:46	7440-47-3	
Lead	**6.3**	mg/kg	1.0	1	10/02/20 10:03	10/05/20 13:46	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/02/20 10:03	10/05/20 13:46	7782-49-2	
Silver	ND	mg/kg	0.71	1	10/02/20 10:03	10/05/20 13:46	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.048	1	09/30/20 18:07	10/01/20 12:37	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	83-32-9	
Acenaphthylene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	208-96-8	
Anthracene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	207-08-9	
Benzoic Acid	ND	ug/kg	1890	1	09/27/20 13:01	09/29/20 22:31	65-85-0	L1
Benzyl alcohol	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	85-68-7	
Carbazole	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	59-50-7	
4-Chloroaniline	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	108-60-1	
2-Chloronaphthalene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-10-SO-(29-30) **Lab ID: 60349230002** Collected: 09/22/20 16:42 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	374	1	09/27/20 13:01	09/29/20 22:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	7005-72-3	
Chrysene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	53-70-3	
Dibenzofuran	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	120-83-2	
Diethylphthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	105-67-9	
Dimethylphthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1890	1	09/27/20 13:01	09/29/20 22:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1890	1	09/27/20 13:01	09/29/20 22:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	117-81-7	
Fluoranthene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	206-44-0	
Fluorene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	87-68-3	
Hexachlorobenzene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	77-47-4	
Hexachloroethane	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	193-39-5	
Isophorone	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	78-59-1	
2-Methylnaphthalene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	15831-10-4	
Naphthalene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	91-20-3	
2-Nitroaniline	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	88-74-4	
3-Nitroaniline	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	99-09-2	
4-Nitroaniline	ND	ug/kg	749	1	09/27/20 13:01	09/29/20 22:31	100-01-6	
Nitrobenzene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	98-95-3	
2-Nitrophenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	88-75-5	
4-Nitrophenol	ND	ug/kg	1890	1	09/27/20 13:01	09/29/20 22:31	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	86-30-6	
Pentachlorophenol	ND	ug/kg	1890	1	09/27/20 13:01	09/29/20 22:31	87-86-5	
Phenanthrene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	85-01-8	
Phenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	108-95-2	
Pyrene	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	129-00-0	
Pyridine	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-10-SO-(29-30) **Lab ID: 60349230002** Collected: 09/22/20 16:42 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	374	1	09/27/20 13:01	09/29/20 22:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	374	1	09/27/20 13:01	09/29/20 22:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/27/20 13:01	09/29/20 22:31	4165-60-0	
2-Fluorobiphenyl (S)	72	%	39-136	1	09/27/20 13:01	09/29/20 22:31	321-60-8	
Terphenyl-d14 (S)	75	%	29-131	1	09/27/20 13:01	09/29/20 22:31	1718-51-0	
Phenol-d6 (S)	68	%	43-95	1	09/27/20 13:01	09/29/20 22:31	13127-88-3	
2-Fluorophenol (S)	69	%	43-96	1	09/27/20 13:01	09/29/20 22:31	367-12-4	
2,4,6-Tribromophenol (S)	69	%	41-108	1	09/27/20 13:01	09/29/20 22:31	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	17.6	1	09/25/20 15:43	10/01/20 18:58		
TPH-DRO	ND	mg/kg	17.6	1	09/25/20 15:43	10/01/20 18:58		
Surrogates								
Nitrobenzene-d5 (S)	82	%	33-132	1	09/25/20 15:43	10/01/20 18:58	4165-60-0	
2-Fluorobiphenyl (S)	88	%	39-136	1	09/25/20 15:43	10/01/20 18:58	321-60-8	
Terphenyl-d14 (S)	90	%	29-131	1	09/25/20 15:43	10/01/20 18:58	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	18.9	1	09/24/20 16:10	09/24/20 22:43	67-64-1	
Benzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-27-4	
Bromoform	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-25-2	
Bromomethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.4	1	09/24/20 16:10	09/24/20 22:43	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	23.6	1	09/24/20 16:10	09/24/20 22:43	98-06-6	
Carbon disulfide	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	108-90-7	
Chloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-00-3	
Chloroform	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	67-66-3	
Chloromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	1	09/24/20 16:10	09/24/20 22:43	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-10-SO-(29-30) **Lab ID: 60349230002** Collected: 09/22/20 16:42 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.7	1	09/24/20 16:10	09/24/20 22:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	87-68-3	
2-Hexanone	ND	ug/kg	18.9	1	09/24/20 16:10	09/24/20 22:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.4	1	09/24/20 16:10	09/24/20 22:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	1634-04-4	
Naphthalene	ND	ug/kg	9.4	1	09/24/20 16:10	09/24/20 22:43	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	103-65-1	
Styrene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	127-18-4	
Toluene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	75-01-4	
Xylene (Total)	ND	ug/kg	4.7	1	09/24/20 16:10	09/24/20 22:43	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/24/20 16:10	09/24/20 22:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/24/20 16:10	09/24/20 22:43	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-10-SO-(29-30) **Lab ID: 60349230002** Collected: 09/22/20 16:42 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	09/24/20 16:10	09/24/20 22:43	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	0.47	1	09/24/20 16:10	09/24/20 22:43		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/24/20 16:10	09/24/20 22:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/24/20 16:10	09/24/20 22:43	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-123	1	09/24/20 16:10	09/24/20 22:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.2**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: PINE LAWN-SO-TB4 **Lab ID: 60349230003** Collected: 09/22/20 17:30 Received: 09/23/20 04:59 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	09/24/20 16:10	09/24/20 21:57	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 21:57	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/24/20 16:10	09/24/20 21:57	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 21:57	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/24/20 16:10	09/24/20 21:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: PINE LAWN-SO-TB4 **Lab ID: 60349230003** Collected: 09/22/20 17:30 Received: 09/23/20 04:59 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	09/24/20 16:10	09/24/20 21:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 21:57	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	127-18-4	
Toluene	**9.2**	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 21:57	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	09/24/20 16:10	09/24/20 21:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/24/20 16:10	09/24/20 21:57	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	78-118	1	09/24/20 16:10	09/24/20 21:57	17060-07-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(2-3) **Lab ID: 60349230004** Collected: 09/22/20 17:41 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	36.0	1	09/29/20 15:19	10/01/20 20:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.0	1	09/29/20 15:19	10/01/20 20:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	28-143	1	09/29/20 15:19	10/01/20 20:03	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**11.7**	mg/kg	0.97	1	10/02/20 10:03	10/05/20 13:49	7440-38-2	
Barium	**179**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:49	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:49	7440-43-9	
Chromium	**25.3**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:49	7440-47-3	
Lead	**29.5**	mg/kg	0.97	1	10/02/20 10:03	10/05/20 13:49	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/02/20 10:03	10/05/20 13:49	7782-49-2	
Silver	ND	mg/kg	0.68	1	10/02/20 10:03	10/05/20 13:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.046	1	09/30/20 18:07	10/01/20 12:40	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	208-96-8	
Anthracene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	120-12-7	
Benzo(a)anthracene	**367**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	56-55-3	
Benzo(a)pyrene	**438**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	50-32-8	
Benzo(b)fluoranthene	**620**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	207-08-9	
Benzoic Acid	ND	ug/kg	1840	1	09/27/20 13:01	09/29/20 22:52	65-85-0	L1
Benzyl alcohol	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	85-68-7	
Carbazole	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	59-50-7	
4-Chloroaniline	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(2-3) **Lab ID: 60349230004** Collected: 09/22/20 17:41 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	363	1	09/27/20 13:01	09/29/20 22:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	7005-72-3	
Chrysene	**366**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1840	1	09/27/20 13:01	09/29/20 22:52	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1840	1	09/27/20 13:01	09/29/20 22:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	117-81-7	
Fluoranthene	**684**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	206-44-0	
Fluorene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	193-39-5	
Isophorone	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	15831-10-4	
Naphthalene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	91-20-3	
2-Nitroaniline	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	88-74-4	
3-Nitroaniline	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	99-09-2	
4-Nitroaniline	ND	ug/kg	727	1	09/27/20 13:01	09/29/20 22:52	100-01-6	
Nitrobenzene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	88-75-5	
4-Nitrophenol	ND	ug/kg	1840	1	09/27/20 13:01	09/29/20 22:52	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	86-30-6	
Pentachlorophenol	ND	ug/kg	1840	1	09/27/20 13:01	09/29/20 22:52	87-86-5	
Phenanthrene	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	85-01-8	
Phenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	108-95-2	
Pyrene	**647**	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	129-00-0	
Pyridine	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(2-3) **Lab ID: 60349230004** Collected: 09/22/20 17:41 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	363	1	09/27/20 13:01	09/29/20 22:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	09/27/20 13:01	09/29/20 22:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	33-132	1	09/27/20 13:01	09/29/20 22:52	4165-60-0	
2-Fluorobiphenyl (S)	72	%	39-136	1	09/27/20 13:01	09/29/20 22:52	321-60-8	
Terphenyl-d14 (S)	75	%	29-131	1	09/27/20 13:01	09/29/20 22:52	1718-51-0	
Phenol-d6 (S)	61	%	43-95	1	09/27/20 13:01	09/29/20 22:52	13127-88-3	
2-Fluorophenol (S)	59	%	43-96	1	09/27/20 13:01	09/29/20 22:52	367-12-4	
2,4,6-Tribromophenol (S)	65	%	41-108	1	09/27/20 13:01	09/29/20 22:52	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**1070**	mg/kg	423	10	09/25/20 15:43	10/01/20 19:18		
TPH-DRO	ND	mg/kg	423	10	09/25/20 15:43	10/01/20 19:18		
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	10	09/25/20 15:43	10/01/20 19:18	4165-60-0	D3,P3
2-Fluorobiphenyl (S)	0	%	39-136	10	09/25/20 15:43	10/01/20 19:18	321-60-8	
Terphenyl-d14 (S)	0	%	29-131	10	09/25/20 15:43	10/01/20 19:18	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**50.7**	ug/kg	17.3	1	09/24/20 16:10	09/24/20 22:59	67-64-1	
Benzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-27-4	
Bromoform	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-25-2	
Bromomethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 22:59	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	21.6	1	09/24/20 16:10	09/24/20 22:59	98-06-6	
Carbon disulfide	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	108-90-7	
Chloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-00-3	
Chloroform	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	67-66-3	
Chloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 22:59	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(2-3) **Lab ID: 60349230004** Collected: 09/22/20 17:41 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.3	1	09/24/20 16:10	09/24/20 22:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	87-68-3	
2-Hexanone	ND	ug/kg	17.3	1	09/24/20 16:10	09/24/20 22:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 22:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	1634-04-4	
Naphthalene	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 22:59	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	103-65-1	
Styrene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	127-18-4	
Toluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	75-01-4	
Xylene (Total)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 22:59	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 16:10	09/24/20 22:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/24/20 16:10	09/24/20 22:59	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(2-3) **Lab ID: 60349230004** Collected: 09/22/20 17:41 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	09/24/20 16:10	09/24/20 22:59	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	0.43	1	09/24/20 16:10	09/24/20 22:59		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/24/20 16:10	09/24/20 22:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/24/20 16:10	09/24/20 22:59	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/24/20 16:10	09/24/20 22:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**14.0**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(12-13) **Lab ID: 60349230005** Collected: 09/22/20 17:51 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	42.4	1	09/29/20 15:19	10/01/20 20:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	42.4	1	09/29/20 15:19	10/01/20 20:21	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	86	%	28-143	1	09/29/20 15:19	10/01/20 20:21	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	10/02/20 10:03	10/05/20 13:52	7440-38-2	
Barium	**272**	mg/kg	0.60	1	10/02/20 10:03	10/05/20 13:52	7440-39-3	
Cadmium	ND	mg/kg	0.60	1	10/02/20 10:03	10/05/20 13:52	7440-43-9	
Chromium	**23.7**	mg/kg	0.60	1	10/02/20 10:03	10/05/20 13:52	7440-47-3	
Lead	**20.5**	mg/kg	1.2	1	10/02/20 10:03	10/05/20 13:52	7439-92-1	
Selenium	ND	mg/kg	1.8	1	10/02/20 10:03	10/05/20 13:52	7782-49-2	
Silver	ND	mg/kg	0.85	1	10/02/20 10:03	10/05/20 13:52	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.063	1	09/30/20 18:07	10/01/20 12:47	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	83-32-9	
Acenaphthylene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	208-96-8	
Anthracene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	207-08-9	
Benzoic Acid	ND	ug/kg	2150	1	09/27/20 13:01	09/29/20 23:13	65-85-0	L1
Benzyl alcohol	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	85-68-7	
Carbazole	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	59-50-7	
4-Chloroaniline	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	108-60-1	
2-Chloronaphthalene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(12-13) **Lab ID: 60349230005** Collected: 09/22/20 17:51 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	425	1	09/27/20 13:01	09/29/20 23:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	7005-72-3	
Chrysene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	53-70-3	
Dibenzofuran	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	120-83-2	
Diethylphthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	105-67-9	
Dimethylphthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2150	1	09/27/20 13:01	09/29/20 23:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2150	1	09/27/20 13:01	09/29/20 23:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	117-81-7	
Fluoranthene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	206-44-0	
Fluorene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	87-68-3	
Hexachlorobenzene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	77-47-4	
Hexachloroethane	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	193-39-5	
Isophorone	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	78-59-1	
2-Methylnaphthalene	**799**	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	15831-10-4	
Naphthalene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	91-20-3	
2-Nitroaniline	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	88-74-4	
3-Nitroaniline	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	99-09-2	
4-Nitroaniline	ND	ug/kg	850	1	09/27/20 13:01	09/29/20 23:13	100-01-6	
Nitrobenzene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	98-95-3	
2-Nitrophenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2150	1	09/27/20 13:01	09/29/20 23:13	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	86-30-6	
Pentachlorophenol	ND	ug/kg	2150	1	09/27/20 13:01	09/29/20 23:13	87-86-5	
Phenanthrene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	85-01-8	
Phenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	108-95-2	
Pyrene	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	129-00-0	
Pyridine	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(12-13) **Lab ID: 60349230005** Collected: 09/22/20 17:51 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	425	1	09/27/20 13:01	09/29/20 23:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	425	1	09/27/20 13:01	09/29/20 23:13	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	33-132	1	09/27/20 13:01	09/29/20 23:13	4165-60-0	
2-Fluorobiphenyl (S)	67	%	39-136	1	09/27/20 13:01	09/29/20 23:13	321-60-8	
Terphenyl-d14 (S)	73	%	29-131	1	09/27/20 13:01	09/29/20 23:13	1718-51-0	
Phenol-d6 (S)	61	%	43-95	1	09/27/20 13:01	09/29/20 23:13	13127-88-3	
2-Fluorophenol (S)	62	%	43-96	1	09/27/20 13:01	09/29/20 23:13	367-12-4	
2,4,6-Tribromophenol (S)	69	%	41-108	1	09/27/20 13:01	09/29/20 23:13	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	19.5	1	09/25/20 15:43	10/01/20 19:37		
TPH-DRO	**147**	mg/kg	19.5	1	09/25/20 15:43	10/01/20 19:37		
Surrogates								
Nitrobenzene-d5 (S)	86	%	33-132	1	09/25/20 15:43	10/01/20 19:37	4165-60-0	
2-Fluorobiphenyl (S)	87	%	39-136	1	09/25/20 15:43	10/01/20 19:37	321-60-8	
Terphenyl-d14 (S)	100	%	29-131	1	09/25/20 15:43	10/01/20 19:37	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	681	1	09/28/20 13:22	09/29/20 02:21	67-64-1	
Benzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	71-43-2	
Bromobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	108-86-1	
Bromochloromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	74-97-5	
Bromodichloromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-27-4	
Bromoform	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-25-2	
Bromomethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	341	1	09/28/20 13:22	09/29/20 02:21	78-93-3	
n-Butylbenzene	**554**	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	104-51-8	
sec-Butylbenzene	**318**	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	852	1	09/28/20 13:22	09/29/20 02:21	98-06-6	
Carbon disulfide	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	56-23-5	
Chlorobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	108-90-7	
Chloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-00-3	
Chloroform	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	67-66-3	
Chloromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	341	1	09/28/20 13:22	09/29/20 02:21	96-12-8	
Dibromochloromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	106-93-4	
Dibromomethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(12-13) **Lab ID: 60349230005** Collected: 09/22/20 17:51 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	170	1	09/28/20 13:22	09/29/20 02:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	540-59-0	
1,1-Dichloroethene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	594-20-7	
1,1-Dichloropropene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	10061-02-6	
Ethylbenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	87-68-3	
2-Hexanone	ND	ug/kg	681	1	09/28/20 13:22	09/29/20 02:21	591-78-6	
Isopropylbenzene (Cumene)	**353**	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	98-82-8	
p-Isopropyltoluene	**309**	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	99-87-6	
Methylene Chloride	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	341	1	09/28/20 13:22	09/29/20 02:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	1634-04-4	
Naphthalene	ND	ug/kg	341	1	09/28/20 13:22	09/29/20 02:21	91-20-3	
n-Propylbenzene	**595**	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	103-65-1	
Styrene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	79-34-5	
Tetrachloroethene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	127-18-4	
Toluene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	79-00-5	
Trichloroethene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	108-67-8	
Vinyl chloride	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	75-01-4	
Xylene (Total)	ND	ug/kg	170	1	09/28/20 13:22	09/29/20 02:21	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	80-120	1	09/28/20 13:22	09/29/20 02:21	2037-26-5	
4-Bromofluorobenzene (S)	105	%	83-119	1	09/28/20 13:22	09/29/20 02:21	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(12-13) **Lab ID: 60349230005** Collected: 09/22/20 17:51 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	95	%	78-118	1	09/28/20 13:22	09/29/20 02:21	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	**108**	mg/kg	17.0	1	09/28/20 13:48	09/29/20 16:34		
Surrogates								
Toluene-d8 (S)	105	%	80-120	1	09/28/20 13:48	09/29/20 16:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	85-115	1	09/28/20 13:48	09/29/20 16:34	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	78-118	1	09/28/20 13:48	09/29/20 16:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**23.4**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(29-30) **Lab ID: 60349230006** Collected: 09/22/20 18:22 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	34.6	1	09/29/20 15:19	10/01/20 20:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.6	1	09/29/20 15:19	10/01/20 20:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/29/20 15:19	10/01/20 20:39	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	ND	mg/kg	0.96	1	10/02/20 10:03	10/05/20 13:54	7440-38-2	
Barium	**37.3**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:54	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:54	7440-43-9	
Chromium	**14.9**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 13:54	7440-47-3	
Lead	**3.2**	mg/kg	0.96	1	10/02/20 10:03	10/05/20 13:54	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/02/20 10:03	10/05/20 13:54	7782-49-2	
Silver	ND	mg/kg	0.67	1	10/02/20 10:03	10/05/20 13:54	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	09/30/20 18:07	10/01/20 12:49	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	83-32-9	
Acenaphthylene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	208-96-8	
Anthracene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	120-12-7	
Benzo(a)anthracene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	56-55-3	
Benzo(a)pyrene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	207-08-9	
Benzoic Acid	ND	ug/kg	1770	1	09/27/20 13:01	09/29/20 23:35	65-85-0	L1
Benzyl alcohol	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	85-68-7	
Carbazole	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	59-50-7	
4-Chloroaniline	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	108-60-1	
2-Chloronaphthalene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(29-30) **Lab ID: 60349230006** Collected: 09/22/20 18:22 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	350	1	09/27/20 13:01	09/29/20 23:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	7005-72-3	
Chrysene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	53-70-3	
Dibenzofuran	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	120-83-2	
Diethylphthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	105-67-9	
Dimethylphthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1770	1	09/27/20 13:01	09/29/20 23:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1770	1	09/27/20 13:01	09/29/20 23:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	117-81-7	
Fluoranthene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	206-44-0	
Fluorene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	87-68-3	
Hexachlorobenzene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	77-47-4	
Hexachloroethane	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	193-39-5	
Isophorone	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	78-59-1	
2-Methylnaphthalene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	15831-10-4	
Naphthalene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	91-20-3	
2-Nitroaniline	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	88-74-4	
3-Nitroaniline	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	99-09-2	
4-Nitroaniline	ND	ug/kg	701	1	09/27/20 13:01	09/29/20 23:35	100-01-6	
Nitrobenzene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	98-95-3	
2-Nitrophenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	88-75-5	
4-Nitrophenol	ND	ug/kg	1770	1	09/27/20 13:01	09/29/20 23:35	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	86-30-6	
Pentachlorophenol	ND	ug/kg	1770	1	09/27/20 13:01	09/29/20 23:35	87-86-5	
Phenanthrene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	85-01-8	
Phenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	108-95-2	
Pyrene	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	129-00-0	
Pyridine	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(29-30) **Lab ID: 60349230006** Collected: 09/22/20 18:22 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	350	1	09/27/20 13:01	09/29/20 23:35	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	350	1	09/27/20 13:01	09/29/20 23:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	09/27/20 13:01	09/29/20 23:35	4165-60-0	
2-Fluorobiphenyl (S)	79	%	39-136	1	09/27/20 13:01	09/29/20 23:35	321-60-8	
Terphenyl-d14 (S)	83	%	29-131	1	09/27/20 13:01	09/29/20 23:35	1718-51-0	
Phenol-d6 (S)	73	%	43-95	1	09/27/20 13:01	09/29/20 23:35	13127-88-3	
2-Fluorophenol (S)	74	%	43-96	1	09/27/20 13:01	09/29/20 23:35	367-12-4	
2,4,6-Tribromophenol (S)	78	%	41-108	1	09/27/20 13:01	09/29/20 23:35	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	15.6	1	09/25/20 15:43	10/01/20 19:57		
TPH-DRO	ND	mg/kg	15.6	1	09/25/20 15:43	10/01/20 19:57		
Surrogates								
Nitrobenzene-d5 (S)	88	%	33-132	1	09/25/20 15:43	10/01/20 19:57	4165-60-0	
2-Fluorobiphenyl (S)	94	%	39-136	1	09/25/20 15:43	10/01/20 19:57	321-60-8	
Terphenyl-d14 (S)	97	%	29-131	1	09/25/20 15:43	10/01/20 19:57	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	19.2	1	09/24/20 16:10	09/24/20 23:14	67-64-1	
Benzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-27-4	
Bromoform	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-25-2	
Bromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.6	1	09/24/20 16:10	09/24/20 23:14	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	24.0	1	09/24/20 16:10	09/24/20 23:14	98-06-6	
Carbon disulfide	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	108-90-7	
Chloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-00-3	
Chloroform	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	67-66-3	
Chloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.6	1	09/24/20 16:10	09/24/20 23:14	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(29-30) **Lab ID: 60349230006** Collected: 09/22/20 18:22 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.8	1	09/24/20 16:10	09/24/20 23:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	87-68-3	
2-Hexanone	ND	ug/kg	19.2	1	09/24/20 16:10	09/24/20 23:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1	09/24/20 16:10	09/24/20 23:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	1634-04-4	
Naphthalene	ND	ug/kg	9.6	1	09/24/20 16:10	09/24/20 23:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	103-65-1	
Styrene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	127-18-4	
Toluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	75-01-4	
Xylene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/24/20 23:14	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/24/20 16:10	09/24/20 23:14	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/24/20 16:10	09/24/20 23:14	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349230

Sample: DPT-11-SO-(29-30) **Lab ID: 60349230006** Collected: 09/22/20 18:22 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	109	%	78-118	1	09/24/20 16:10	09/24/20 23:14	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	0.48	1	09/24/20 16:10	09/24/20 23:14		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/24/20 16:10	09/24/20 23:14	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/24/20 16:10	09/24/20 23:14	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-123	1	09/24/20 16:10	09/24/20 23:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**7.3**	%	0.50	1		09/24/20 15:46		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2748882 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	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

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 680399
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2750577 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 13:34	
Barium	mg/kg	ND	0.50	10/05/20 13:34	
Cadmium	mg/kg	ND	0.50	10/05/20 13:34	
Chromium	mg/kg	ND	0.50	10/05/20 13:34	
Lead	mg/kg	ND	1.0	10/05/20 13:34	
Selenium	mg/kg	ND	1.5	10/05/20 13:34	
Silver	mg/kg	ND	0.70	10/05/20 13:34	

LABORATORY CONTROL SAMPLE: 2750578

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	101	101	80-120	
Chromium	mg/kg	100	106	106	80-120	
Lead	mg/kg	100	107	107	80-120	
Selenium	mg/kg	100	99.6	100	80-120	
Silver	mg/kg	50	51.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750579 2750580

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.0	96.8	93.7	93.2	89.5	91	90	75-125	4	20	
Barium	mg/kg	69.8	96.8	93.7	173	168	107	104	75-125	3	20	
Cadmium	mg/kg	ND	96.8	93.7	87.0	83.4	90	89	75-125	4	20	
Chromium	mg/kg	26.8	96.8	93.7	130	125	107	104	75-125	4	20	
Lead	mg/kg	11.2	96.8	93.7	101	97.3	92	92	75-125	3	20	
Selenium	mg/kg	ND	96.8	93.7	82.9	79.7	86	85	75-125	4	20	
Silver	mg/kg	ND	48.4	46.9	46.6	44.5	95	94	75-125	4	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: PINE LAWN
Pace Project No.: 60349230

QC Batch: 678876
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: 60349230001, 60349230002, 60349230003, 60349230004, 60349230006

METHOD BLANK: 2744715
Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230003, 60349230004, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/24/20 21:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
2,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
2-Butanone (MEK)	ug/kg	ND	10.0	09/24/20 21:41	
2-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
2-Hexanone	ug/kg	ND	20.0	09/24/20 21:41	
4-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/24/20 21:41	
Acetone	ug/kg	ND	20.0	09/24/20 21:41	
Benzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromodichloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromoform	ug/kg	ND	5.0	09/24/20 21:41	
Bromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Carbon disulfide	ug/kg	ND	5.0	09/24/20 21:41	
Carbon tetrachloride	ug/kg	ND	5.0	09/24/20 21:41	
Chlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Chloroethane	ug/kg	ND	5.0	09/24/20 21:41	
Chloroform	ug/kg	ND	5.0	09/24/20 21:41	
Chloromethane	ug/kg	ND	5.0	09/24/20 21:41	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

METHOD BLANK: 2744715 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230003, 60349230004, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Dibromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Dibromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Ethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/24/20 21:41	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/24/20 21:41	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/24/20 21:41	
Methylene Chloride	ug/kg	ND	5.0	09/24/20 21:41	
n-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
n-Propylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Naphthalene	ug/kg	ND	10.0	09/24/20 21:41	
p-Isopropyltoluene	ug/kg	ND	5.0	09/24/20 21:41	
sec-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Styrene	ug/kg	ND	5.0	09/24/20 21:41	
tert-Butylbenzene	ug/kg	ND	25.0	09/24/20 21:41	
Tetrachloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Toluene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Trichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Trichlorofluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Vinyl chloride	ug/kg	ND	5.0	09/24/20 21:41	
Xylene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	78-118	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	85-115	09/24/20 21:41	
Toluene-d8 (S)	%	103	80-120	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	109	109	84-125	
1,1,1-Trichloroethane	ug/kg	100	99.3	99	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	102	102	76-121	
1,1,2-Trichloroethane	ug/kg	100	108	108	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	101	101	71-124	
1,1-Dichloropropene	ug/kg	100	87.8	88	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	109	109	81-123	
1,2,3-Trichloropropane	ug/kg	100	107	107	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	107	107	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	102	102	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	103	103	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	110	110	64-137	
1,2-Dichlorobenzene	ug/kg	100	106	106	83-119	
1,2-Dichloroethane	ug/kg	100	99.4	99	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	207	104	82-117	
1,2-Dichloropropane	ug/kg	100	102	102	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	103	103	81-122	
1,3-Dichlorobenzene	ug/kg	100	104	104	83-119	
1,3-Dichloropropane	ug/kg	100	107	107	83-118	
1,4-Dichlorobenzene	ug/kg	100	98.6	99	83-116	
2,2-Dichloropropane	ug/kg	100	96.6	97	76-124	
2-Butanone (MEK)	ug/kg	500	505	101	63-122	
2-Chlorotoluene	ug/kg	100	101	101	79-119	
2-Hexanone	ug/kg	500	522	104	68-122	
4-Chlorotoluene	ug/kg	100	102	102	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	521	104	63-128	
Acetone	ug/kg	500	466	93	55-124	
Benzene	ug/kg	100	98.3	98	67-126	
Bromobenzene	ug/kg	100	106	106	85-117	
Bromochloromethane	ug/kg	100	110	110	78-122	
Bromodichloromethane	ug/kg	100	107	107	82-120	
Bromoform	ug/kg	100	119	119	77-133	
Bromomethane	ug/kg	100	76.4	76	20-168	
Carbon disulfide	ug/kg	100	113	113	60-133	
Carbon tetrachloride	ug/kg	100	106	106	79-128	
Chlorobenzene	ug/kg	100	105	105	84-118	
Chloroethane	ug/kg	100	86.9	87	53-139	
Chloroform	ug/kg	100	103	103	82-120	
Chloromethane	ug/kg	100	59.4	59	33-143	
cis-1,2-Dichloroethene	ug/kg	100	103	103	83-117	
cis-1,3-Dichloropropene	ug/kg	100	104	104	80-122	
Dibromochloromethane	ug/kg	100	118	118	82-128	
Dibromomethane	ug/kg	100	106	106	82-119	
Dichlorodifluoromethane	ug/kg	100	38.4	38	12-159	
Ethylbenzene	ug/kg	100	100	100	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	105	105	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	100	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	105	105	58-137	
Methylene Chloride	ug/kg	100	97.3	97	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	101	101	82-122	
Naphthalene	ug/kg	100	115	115	60-136	
p-Isopropyltoluene	ug/kg	100	93.5	93	74-129	
sec-Butylbenzene	ug/kg	100	110	110	71-133	
Styrene	ug/kg	100	109	109	84-121	
tert-Butylbenzene	ug/kg	100	101	101	81-122	
Tetrachloroethene	ug/kg	100	107	107	78-130	
Toluene	ug/kg	100	100	100	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

LABORATORY CONTROL SAMPLE: 2744716

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	111	111	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	100	100	64-133	
Vinyl chloride	ug/kg	100	71.6	72	45-139	
Xylene (Total)	ug/kg	300	305	102	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	102	103	83	84	13-133	1	39	
1,1,1-Trichloroethane	ug/kg	ND	123	123	90.7	93.4	74	76	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	123	123	96.4	94.6	78	77	10-139	2	49	
1,1,2-Trichloroethane	ug/kg	ND	123	123	102	100	83	82	10-145	2	41	
1,1-Dichloroethane	ug/kg	ND	123	123	92.0	94.9	75	77	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	123	123	71.5	75.7	58	62	34-118	6	30	
1,1-Dichloropropene	ug/kg	ND	123	123	88.3	89.9	72	73	29-116	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	123	123	88.7	90.7	72	74	10-115	2	40	
1,2,3-Trichloropropane	ug/kg	ND	123	123	99.2	95.3	81	78	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	123	123	84.9	88.1	69	72	10-115	4	44	
1,2,4-Trimethylbenzene	ug/kg	ND	123	123	91.2	91.9	74	75	10-123	1	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	123	123	91.4	91.4	74	74	10-136	0	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	123	123	104	104	85	84	24-149	1	29	
1,2-Dichlorobenzene	ug/kg	ND	123	123	94.0	94.6	76	77	10-123	1	41	
1,2-Dichloroethane	ug/kg	ND	123	123	89.1	89.3	72	73	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	246	246	174	180	71	73	30-119	3	32	
1,2-Dichloropropane	ug/kg	ND	123	123	92.0	93.8	75	76	13-132	2	33	
1,3,5-Trimethylbenzene	ug/kg	ND	123	123	92.4	93.3	75	76	10-124	1	40	
1,3-Dichlorobenzene	ug/kg	ND	123	123	92.0	92.6	75	75	10-122	1	42	
1,3-Dichloropropane	ug/kg	ND	123	123	100	98.7	81	80	10-135	2	36	
1,4-Dichlorobenzene	ug/kg	ND	123	123	89.7	90.7	73	74	10-120	1	38	
2,2-Dichloropropane	ug/kg	ND	123	123	76.3	79.1	62	64	22-135	4	31	
2-Butanone (MEK)	ug/kg	7.1J	615	614	439	436	70	70	12-127	1	37	
2-Chlorotoluene	ug/kg	ND	123	123	91.3	91.1	74	74	10-126	0	38	
2-Hexanone	ug/kg	ND	615	614	458	451	74	73	10-135	2	37	
4-Chlorotoluene	ug/kg	ND	123	123	90.6	91.1	74	74	10-129	1	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	615	614	454	451	74	74	10-129	1	36	
Acetone	ug/kg	92.5	615	614	448	448	58	58	10-143	0	34	
Benzene	ug/kg	ND	123	123	86.6	88.5	70	72	37-135	2	24	
Bromobenzene	ug/kg	ND	123	123	97.3	97.1	79	79	10-134	0	45	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	98.3	98.7	80	80	17-129	0	34	
Bromodichloromethane	ug/kg	ND	123	123	98.8	99.5	80	81	12-130	1	33	
Bromoform	ug/kg	ND	123	123	109	110	89	90	10-135	1	39	
Bromomethane	ug/kg	ND	123	123	45.0	51.4	37	42	10-124	13	41	
Carbon disulfide	ug/kg	ND	123	123	60.0	65.6	49	53	17-116	9	28	
Carbon tetrachloride	ug/kg	ND	123	123	91.7	96.6	75	79	29-127	5	35	
Chlorobenzene	ug/kg	ND	123	123	98.6	99.4	80	81	10-133	1	33	
Chloroethane	ug/kg	ND	123	123	52.5	57.4	43	47	25-116	9	33	
Chloroform	ug/kg	ND	123	123	95.0	96.0	77	78	20-130	1	30	
Chloromethane	ug/kg	ND	123	123	30.0	33.3	24	27	10-113	10	31	
cis-1,2-Dichloroethene	ug/kg	ND	123	123	90.6	92.9	74	76	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	123	123	93.1	94.1	76	77	10-125	1	34	
Dibromochloromethane	ug/kg	ND	123	123	107	108	87	88	10-138	0	38	
Dibromomethane	ug/kg	ND	123	123	102	100	83	82	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	123	123	17.7	21.3	14	17	10-114	19	33	
Ethylbenzene	ug/kg	ND	123	123	97.5	97.7	79	80	31-142	0	25	
Hexachloro-1,3-butadiene	ug/kg	ND	123	123	85.9	86.8	70	71	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	123	123	97.6	98.2	79	80	17-120	1	34	
Methyl-tert-butyl ether	ug/kg	ND	123	123	86.9	88.0	71	72	30-143	1	28	
Methylene Chloride	ug/kg	ND	123	123	79.5	81.8	65	67	24-121	3	33	
n-Butylbenzene	ug/kg	ND	123	123	86.2	88.2	70	72	10-121	2	36	
n-Propylbenzene	ug/kg	ND	123	123	91.8	92.5	75	75	12-125	1	37	
Naphthalene	ug/kg	ND	123	123	98.8	98.4	80	80	10-156	0	34	
p-Isopropyltoluene	ug/kg	ND	123	123	91.8	92.0	75	75	10-119	0	37	
sec-Butylbenzene	ug/kg	ND	123	123	92.8	93.7	75	76	10-127	1	40	
Styrene	ug/kg	ND	123	123	96.4	97.9	78	80	10-124	2	37	
tert-Butylbenzene	ug/kg	ND	123	123	95.1	94.3	77	77	10-126	1	37	
Tetrachloroethene	ug/kg	ND	123	123	100	101	81	82	15-133	1	36	
Toluene	ug/kg	ND	123	123	94.8	95.0	77	77	40-137	0	25	
trans-1,2-Dichloroethene	ug/kg	ND	123	123	83.6	86.7	68	71	22-129	4	34	
trans-1,3-Dichloropropene	ug/kg	ND	123	123	94.6	96.5	77	79	10-130	2	35	
Trichloroethene	ug/kg	ND	123	123	94.7	96.8	77	79	19-135	2	34	
Trichlorofluoromethane	ug/kg	ND	123	123	64.1	70.4	52	57	16-132	9	28	
Vinyl chloride	ug/kg	ND	123	123	38.2	41.9	31	34	14-116	9	28	
Xylene (Total)	ug/kg	ND	370	368	287	290	78	79	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						97	98	78-118			
4-Bromofluorobenzene (S)	%						95	94	85-115			
Toluene-d8 (S)	%						103	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 679322
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: 60349230005

METHOD BLANK: 2746917
Matrix: Solid
Associated Lab Samples: 60349230005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,1-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	09/29/20 02:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,3,5-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,4-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
2,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
2-Butanone (MEK)	ug/kg	ND	500	09/29/20 02:05	
2-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
2-Hexanone	ug/kg	ND	1000	09/29/20 02:05	
4-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	09/29/20 02:05	
Acetone	ug/kg	ND	1000	09/29/20 02:05	
Benzene	ug/kg	ND	250	09/29/20 02:05	
Bromobenzene	ug/kg	ND	250	09/29/20 02:05	
Bromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromodichloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromoform	ug/kg	ND	250	09/29/20 02:05	
Bromomethane	ug/kg	ND	250	09/29/20 02:05	
Carbon disulfide	ug/kg	ND	250	09/29/20 02:05	
Carbon tetrachloride	ug/kg	ND	250	09/29/20 02:05	
Chlorobenzene	ug/kg	ND	250	09/29/20 02:05	
Chloroethane	ug/kg	ND	250	09/29/20 02:05	
Chloroform	ug/kg	ND	250	09/29/20 02:05	
Chloromethane	ug/kg	ND	250	09/29/20 02:05	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

METHOD BLANK: 2746917 Matrix: Solid
Associated Lab Samples: 60349230005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
cis-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Dibromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Dibromomethane	ug/kg	ND	250	09/29/20 02:05	
Dichlorodifluoromethane	ug/kg	ND	250	09/29/20 02:05	
Ethylbenzene	ug/kg	ND	250	09/29/20 02:05	
Hexachloro-1,3-butadiene	ug/kg	ND	250	09/29/20 02:05	
Isopropylbenzene (Cumene)	ug/kg	ND	250	09/29/20 02:05	
Methyl-tert-butyl ether	ug/kg	ND	250	09/29/20 02:05	
Methylene Chloride	ug/kg	ND	250	09/29/20 02:05	
n-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
n-Propylbenzene	ug/kg	ND	250	09/29/20 02:05	
Naphthalene	ug/kg	ND	500	09/29/20 02:05	
p-Isopropyltoluene	ug/kg	ND	250	09/29/20 02:05	
sec-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
Styrene	ug/kg	ND	250	09/29/20 02:05	
tert-Butylbenzene	ug/kg	ND	1250	09/29/20 02:05	
Tetrachloroethene	ug/kg	ND	250	09/29/20 02:05	
Toluene	ug/kg	ND	250	09/29/20 02:05	
trans-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
trans-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Trichloroethene	ug/kg	ND	250	09/29/20 02:05	
Trichlorofluoromethane	ug/kg	ND	250	09/29/20 02:05	
Vinyl chloride	ug/kg	ND	250	09/29/20 02:05	
Xylene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane-d4 (S)	%	93	78-118	09/29/20 02:05	
4-Bromofluorobenzene (S)	%	96	83-119	09/29/20 02:05	
Toluene-d8 (S)	%	104	80-120	09/29/20 02:05	

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	5000	5490	110	80-119	
1,1,1-Trichloroethane	ug/kg	5000	4810	96	77-121	
1,1,2,2-Tetrachloroethane	ug/kg	5000	4980	100	74-116	
1,1,2-Trichloroethane	ug/kg	5000	5470	109	76-115	
1,1-Dichloroethane	ug/kg	5000	4590	92	77-120	
1,1-Dichloroethene	ug/kg	5000	5240	105	66-129	
1,1-Dichloropropene	ug/kg	5000	4240	85	79-121	
1,2,3-Trichlorobenzene	ug/kg	5000	5120	102	80-120	
1,2,3-Trichloropropane	ug/kg	5000	5210	104	74-118	
1,2,4-Trichlorobenzene	ug/kg	5000	4780	96	75-120	
1,2,4-Trimethylbenzene	ug/kg	5000	4850	97	77-116	
1,2-Dibromo-3-chloropropane	ug/kg	5000	5010	100	74-121	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	5000	5600	112	80-117	
1,2-Dichlorobenzene	ug/kg	5000	5170	103	48-146	
1,2-Dichloroethane	ug/kg	5000	4880	98	74-110	
1,2-Dichloroethene (Total)	ug/kg	10000	10500	105	79-120	
1,2-Dichloropropane	ug/kg	5000	5030	101	79-115	
1,3,5-Trimethylbenzene	ug/kg	5000	4820	96	76-115	
1,3-Dichlorobenzene	ug/kg	5000	5000	100	76-115	
1,3-Dichloropropane	ug/kg	5000	5390	108	75-111	
1,4-Dichlorobenzene	ug/kg	5000	4700	94	73-119	
2,2-Dichloropropane	ug/kg	5000	4340	87	76-121	
2-Butanone (MEK)	ug/kg	25000	23700	95	70-116	
2-Chlorotoluene	ug/kg	5000	4840	97	78-117	
2-Hexanone	ug/kg	25000	24500	98	71-117	
4-Chlorotoluene	ug/kg	5000	4890	98	77-115	
4-Methyl-2-pentanone (MIBK)	ug/kg	25000	24500	98	73-116	
Acetone	ug/kg	25000	21900	88	60-125	
Benzene	ug/kg	5000	4910	98	73-117	
Bromobenzene	ug/kg	5000	5200	104	79-115	
Bromochloromethane	ug/kg	5000	5730	115	76-116	
Bromodichloromethane	ug/kg	5000	5350	107	80-120	
Bromoform	ug/kg	5000	6010	120	77-127	
Bromomethane	ug/kg	5000	4740	95	29-165	
Carbon disulfide	ug/kg	5000	5980	120	54-133	
Carbon tetrachloride	ug/kg	5000	5090	102	78-126	
Chlorobenzene	ug/kg	5000	5250	105	63-130	
Chloroethane	ug/kg	5000	4810	96	31-170	
Chloroform	ug/kg	5000	5170	103	80-118	
Chloromethane	ug/kg	5000	3470	69	10-168	
cis-1,2-Dichloroethene	ug/kg	5000	5210	104	80-117	
cis-1,3-Dichloropropene	ug/kg	5000	4970	99	80-120	
Dibromochloromethane	ug/kg	5000	5980	120	78-122	
Dibromomethane	ug/kg	5000	5390	108	78-119	
Dichlorodifluoromethane	ug/kg	5000	2630	53	10-206	
Ethylbenzene	ug/kg	5000	4940	99	73-121	
Hexachloro-1,3-butadiene	ug/kg	5000	4600	92	75-129	
Isopropylbenzene (Cumene)	ug/kg	5000	4860	97	74-115	
Methyl-tert-butyl ether	ug/kg	5000	5160	103	73-129	
Methylene Chloride	ug/kg	5000	5070	101	70-128	
n-Butylbenzene	ug/kg	5000	4670	93	78-123	
n-Propylbenzene	ug/kg	5000	4720	94	77-120	
Naphthalene	ug/kg	5000	5500	110	76-120	
p-Isopropyltoluene	ug/kg	5000	4290	86	78-117	
sec-Butylbenzene	ug/kg	5000	5090	102	83-126	
Styrene	ug/kg	5000	5390	108	80-117	
tert-Butylbenzene	ug/kg	5000	4710	94	79-117	
Tetrachloroethene	ug/kg	5000	5140	103	72-122	
Toluene	ug/kg	5000	5030	101	77-119	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	5000	5300	106	75-123	
trans-1,3-Dichloropropene	ug/kg	5000	5360	107	79-124	
Trichloroethene	ug/kg	5000	5150	103	82-128	
Trichlorofluoromethane	ug/kg	5000	5250	105	56-129	
Vinyl chloride	ug/kg	5000	4220	84	36-176	
Xylene (Total)	ug/kg	15000	14900	99	76-119	
1,2-Dichloroethane-d4 (S)	%			95	78-118	
4-Bromofluorobenzene (S)	%			94	83-119	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3090	3350	91	98	12-128	8	59	
1,1,1-Trichloroethane	ug/kg	ND	3410	3410	2770	3060	81	90	15-131	10	75	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3410	3410	3250	3540	95	104	10-132	8	65	
1,1,2-Trichloroethane	ug/kg	ND	3410	3410	3610	3910	106	115	14-132	8	54	
1,1-Dichloroethane	ug/kg	ND	3410	3410	3020	2870	89	84	23-126	5	64	
1,1-Dichloroethene	ug/kg	ND	3410	3410	2670	2990	78	88	20-129	11	80	
1,1-Dichloropropene	ug/kg	ND	3410	3410	2480	2820	73	83	15-127	13	78	
1,2,3-Trichlorobenzene	ug/kg	ND	3410	3410	3180	3450	93	101	10-124	8	67	
1,2,3-Trichloropropane	ug/kg	ND	3410	3410	3300	3610	97	106	19-125	9	51	
1,2,4-Trichlorobenzene	ug/kg	ND	3410	3410	3020	3310	89	97	10-129	9	73	
1,2,4-Trimethylbenzene	ug/kg	ND	3410	3410	2980	3290	87	96	10-124	10	68	
1,2-Dibromo-3-chloropropane	ug/kg	ND	3410	3410	3430	3630	101	107	10-135	6	56	
1,2-Dibromoethane (EDB)	ug/kg	ND	3410	3410	3250	3580	95	105	23-123	10	50	
1,2-Dichlorobenzene	ug/kg	ND	3410	3410	3190	3450	94	101	10-126	8	60	
1,2-Dichloroethane	ug/kg	ND	3410	3410	2870	3160	84	93	27-116	10	45	
1,2-Dichloroethene (Total)	ug/kg	ND	6820	6820	5890	6490	86	95	20-127	10	64	
1,2-Dichloropropane	ug/kg	ND	3410	3410	3030	3380	89	99	21-125	11	57	
1,3,5-Trimethylbenzene	ug/kg	ND	3410	3410	2950	3280	86	96	10-125	11	65	
1,3-Dichlorobenzene	ug/kg	ND	3410	3410	3050	3320	90	97	10-126	8	63	
1,3-Dichloropropane	ug/kg	ND	3410	3410	3100	3380	91	99	24-114	8	51	
1,4-Dichlorobenzene	ug/kg	ND	3410	3410	2930	3180	86	93	10-126	8	62	
2,2-Dichloropropane	ug/kg	ND	3410	3410	2480	2800	73	82	17-124	12	70	
2-Butanone (MEK)	ug/kg	ND	17000	17000	14600	16500	84	95	29-120	12	50	
2-Chlorotoluene	ug/kg	ND	3410	3410	2940	3230	85	94	10-138	9	70	
2-Hexanone	ug/kg	ND	17000	17000	14900	16700	87	98	25-121	12	51	
4-Chlorotoluene	ug/kg	ND	3410	3410	2960	3260	87	96	10-112	10	62	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	17000	17000	15000	16900	88	99	23-131	12	50	
Acetone	ug/kg	ND	17000	17000	14000	15600	81	91	15-129	11	49	
Benzene	ug/kg	ND	3410	3410	2820	3110	83	91	17-134	10	53	
Bromobenzene	ug/kg	ND	3410	3410	3110	3400	91	100	10-129	9	63	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3250	3600	95	106	28-118	10	53	
Bromodichloromethane	ug/kg	ND	3410	3410	3170	3480	93	102	21-126	10	59	
Bromoform	ug/kg	ND	3410	3410	3330	3600	98	106	14-127	8	60	
Bromomethane	ug/kg	ND	3410	3410	1090	1220	31	35	10-121	11	67	
Carbon disulfide	ug/kg	ND	3410	3410	2730	3000	80	88	10-122	10	78	
Carbon tetrachloride	ug/kg	ND	3410	3410	2790	3110	82	91	10-134	11	82	
Chlorobenzene	ug/kg	ND	3410	3410	3020	3330	89	98	10-126	10	60	
Chloroethane	ug/kg	ND	3410	3410	732	842	21	25	10-133	14	79	
Chloroform	ug/kg	ND	3410	3410	3010	3320	88	97	24-126	10	60	
Chloromethane	ug/kg	ND	3410	3410	1320	1380	38	40	10-125	5	78	
cis-1,2-Dichloroethene	ug/kg	ND	3410	3410	2980	3270	88	96	18-131	9	62	
cis-1,3-Dichloropropene	ug/kg	ND	3410	3410	2900	3200	85	94	24-117	10	60	
Dibromochloromethane	ug/kg	ND	3410	3410	3300	3550	97	104	22-117	7	59	
Dibromomethane	ug/kg	ND	3410	3410	3170	3470	93	102	29-118	9	52	
Dichlorodifluoromethane	ug/kg	ND	3410	3410	745	802	22	24	10-161	7	84	
Ethylbenzene	ug/kg	ND	3410	3410	2910	3200	85	93	10-137	10	60	
Hexachloro-1,3-butadiene	ug/kg	ND	3410	3410	2860	3180	84	93	10-124	10	76	
Isopropylbenzene (Cumene)	ug/kg	353	3410	3410	3260	3620	85	96	10-123	11	72	
Methyl-tert-butyl ether	ug/kg	ND	3410	3410	2980	3290	87	96	31-126	10	42	
Methylene Chloride	ug/kg	ND	3410	3410	2890	3160	82	90	23-117	9	59	
n-Butylbenzene	ug/kg	554	3410	3410	3580	4020	89	102	10-130	11	78	
n-Propylbenzene	ug/kg	595	3410	3410	3550	3890	87	97	10-121	9	70	
Naphthalene	ug/kg	ND	3410	3410	3560	3870	105	114	10-131	8	63	
p-Isopropyltoluene	ug/kg	309	3410	3410	3090	3410	82	91	10-127	10	76	
sec-Butylbenzene	ug/kg	318	3410	3410	3440	3810	92	102	10-137	10	81	
Styrene	ug/kg	ND	3410	3410	3130	3470	92	102	10-119	10	56	
tert-Butylbenzene	ug/kg	ND	3410	3410	2960	3330	86	97	10-121	12	80	
Tetrachloroethene	ug/kg	ND	3410	3410	2880	3220	85	94	10-131	11	78	
Toluene	ug/kg	ND	3410	3410	2860	3140	84	92	13-131	9	60	
trans-1,2-Dichloroethene	ug/kg	ND	3410	3410	2900	3220	85	94	22-125	10	70	
trans-1,3-Dichloropropene	ug/kg	ND	3410	3410	3000	3300	88	97	20-122	9	54	
Trichloroethene	ug/kg	ND	3410	3410	3020	3380	89	99	14-144	11	69	
Trichlorofluoromethane	ug/kg	ND	3410	3410	2650	2940	78	86	10-134	10	86	
Vinyl chloride	ug/kg	ND	3410	3410	1460	1620	43	47	10-141	10	81	
Xylene (Total)	ug/kg	ND	10200	10200	8720	9650	85	94	10-137	10	58	
1,2-Dichloroethane-d4 (S)	%						94	95	78-118			
4-Bromofluorobenzene (S)	%						104	103	83-119			
Toluene-d8 (S)	%						102	100	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 679323
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: 60349230005

METHOD BLANK: 2746921 Matrix: Solid
Associated Lab Samples: 60349230005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	25.0	09/29/20 16:18	
1,2-Dichloroethane-d4 (S)	%	95	78-118	09/29/20 16:18	
4-Bromofluorobenzene (S)	%	96	85-115	09/29/20 16:18	
Toluene-d8 (S)	%	102	80-120	09/29/20 16:18	

LABORATORY CONTROL SAMPLE: 2746922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	200	129	64	55-162	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746923 2746924

Parameter	Units	60349447003 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)	%						94	94	78-118			
4-Bromofluorobenzene (S)	%						96	95	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 678887
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: 60349230001, 60349230002, 60349230004, 60349230006

METHOD BLANK: 2744774 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	80-123	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	69-133	09/24/20 21:41	
Toluene-d8 (S)	%	103	78-122	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.2	79	61-140	
1,2-Dichloroethane-d4 (S)	%			97	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 679537
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2747540 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	10/01/20 15:18	
Decachlorobiphenyl (S)	%	89	28-143	10/01/20 15:18	

LABORATORY CONTROL SAMPLE: 2747541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	148	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	152	93	56-128	
Decachlorobiphenyl (S)	%			87	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747542 2747543

Parameter	Units	60348944003 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	177	185	144	156	82	84	38-131	8	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	177	185	177	184	100	99	30-141	4	40	
Decachlorobiphenyl (S)	%						87	86	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

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: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2745191
Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

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: PINE LAWN
Pace Project No.: 60349230

METHOD BLANK: 2745191 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

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: PINE LAWN
Pace Project No.: 60349230

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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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

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: PINE LAWN
Pace Project No.: 60349230

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: PINE LAWN
Pace Project No.: 60349230

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: PINE LAWN
Pace Project No.: 60349230

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: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2745200 Matrix: Solid
Associated Lab Samples: 60349230001, 60349230002, 60349230004, 60349230005, 60349230006

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

Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 678753
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349230001

METHOD BLANK: 2744409
Matrix: Solid
Associated Lab Samples: 60349230001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/24/20 14:25	

SAMPLE DUPLICATE: 2744410

Parameter	Units	60348965020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.4	25.8	2	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
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349230

QC Batch: 678754
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349230002, 60349230004, 60349230005, 60349230006

METHOD BLANK: 2744412 Matrix: Solid
Associated Lab Samples: 60349230002, 60349230004, 60349230005, 60349230006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/24/20 15:45	

SAMPLE DUPLICATE: 2744413

Parameter	Units	60349206002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	17.9	0	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: PINE LAWN
Pace Project No.: 60349230

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

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
P3	Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349230

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349230001	**DPT-9-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349230002	**DPT-10-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349230004	**DPT-11-SO-(2-3)**	EPA 3546	679537	EPA 8082	680254
60349230005	**DPT-11-SO-(12-13)**	EPA 3546	679537	EPA 8082	680254
60349230006	**DPT-11-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349230001	**DPT-9-SO-(29-30)**	EPA 3050	680399	EPA 6010	680674
60349230002	**DPT-10-SO-(29-30)**	EPA 3050	680399	EPA 6010	680674
60349230004	**DPT-11-SO-(2-3)**	EPA 3050	680399	EPA 6010	680674
60349230005	**DPT-11-SO-(12-13)**	EPA 3050	680399	EPA 6010	680674
60349230006	**DPT-11-SO-(29-30)**	EPA 3050	680399	EPA 6010	680674
60349230001	**DPT-9-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349230002	**DPT-10-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349230004	**DPT-11-SO-(2-3)**	EPA 7471	679970	EPA 7471	680181
60349230005	**DPT-11-SO-(12-13)**	EPA 7471	679970	EPA 7471	680181
60349230006	**DPT-11-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349230001	**DPT-9-SO-(29-30)**	EPA 3546	678954	EPA 8270	679637
60349230002	**DPT-10-SO-(29-30)**	EPA 3546	678954	EPA 8270	679637
60349230004	**DPT-11-SO-(2-3)**	EPA 3546	678954	EPA 8270	679637
60349230005	**DPT-11-SO-(12-13)**	EPA 3546	678954	EPA 8270	679637
60349230006	**DPT-11-SO-(29-30)**	EPA 3546	678954	EPA 8270	679637
60349230001	**DPT-9-SO-(29-30)**	EPA 3546	678956	EPA 8270	679490
60349230002	**DPT-10-SO-(29-30)**	EPA 3546	678956	EPA 8270	679490
60349230004	**DPT-11-SO-(2-3)**	EPA 3546	678956	EPA 8270	679490
60349230005	**DPT-11-SO-(12-13)**	EPA 3546	678956	EPA 8270	679490
60349230006	**DPT-11-SO-(29-30)**	EPA 3546	678956	EPA 8270	679490
60349230001	**DPT-9-SO-(29-30)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349230002	**DPT-10-SO-(29-30)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349230003	**PINE LAWN-SO-TB4**	EPA 5035A/5030	678876	EPA 8260B	678909
60349230004	**DPT-11-SO-(2-3)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349230006	**DPT-11-SO-(29-30)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349230005	**DPT-11-SO-(12-13)**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349230005	**DPT-11-SO-(12-13)**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349230001	**DPT-9-SO-(29-30)**	EPA 5035	678887	EPA 8260	678910
60349230002	**DPT-10-SO-(29-30)**	EPA 5035	678887	EPA 8260	678910
60349230004	**DPT-11-SO-(2-3)**	EPA 5035	678887	EPA 8260	678910
60349230006	**DPT-11-SO-(29-30)**	EPA 5035	678887	EPA 8260	678910
60349230001	**DPT-9-SO-(29-30)**	ASTM D2974	678753		
60349230002	**DPT-10-SO-(29-30)**	ASTM D2974	678754		
60349230004	**DPT-11-SO-(2-3)**	ASTM D2974	678754		
60349230005	**DPT-11-SO-(12-13)**	ASTM D2974	678754		
60349230006	**DPT-11-SO-(29-30)**	ASTM D2974	678754		

Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60349230

60349230

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: T296 **Type of Ice:** Wet ☒ Blue None

Cooler Temperature (°C): **As-read** 1.7 **Corr. Factor** -0.4 **Corrected** 1.3

Date and initials of person examining contents: 9/23/20 HF

Temperature should be above freezing to 6°C

Chain of Custody present:	☒Yes ☐No ☐N/A	pine hawn-TB mo has 8270 marked the sample containers are labeled "8260 vocs".
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) LOT#	☐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	Received 2 unp. soil trips
Headspace in VOA vials (>6mm):	☐Yes ☒No ☐N/A	
Samples from USDA Regulated Area: State: mo	☐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: _____

F-KS-C-003-Rev 11, February 28, 2018

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

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:	Pine Lawn
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: MO

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 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 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-9-SO-(29-30)	SL	G	09/22/20	1546				7	4						1	2		X	X	X	X	X	X							
2	DPT-10-SO-(29-30)	SL	G	09/22/20	1642				7	4						1	2		X	X	X	X	X	X							
3	Pine Lawn-SO-TB4	WT	G	09/22/20	1730				2				2									X									
4	DPT-11-SO-(2-3)	SL	G	09/22/20	1741				7	4						1	2		X	X	X	X	X	X							
5	DPT-11-SO-(12-13)	SL	G	09/22/20	1751				7	4						1	2		X	X	X	X	X	X							
6	DPT-11-SO-(29-30)	SL	G	9/22/20	1822				7	4						1	2		X	X	X	X	X	X							
7																															
8																															
9																															
10																															
11																															
12																															

U0349230
Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/22/20	1833	Jeffrey Fausey/pasi	9/23/20	0459	1.3	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: Thomas Kaley & Stephanie Caples

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/22/20

*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: PINE LAWN
Pace Project No.: 60349231

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349231

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
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Lenexa, KS 66219
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SAMPLE SUMMARY

Project: PINE LAWN
Pace Project No.: 60349231

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349231001	**DPT-7-SO-(2-3)**	Solid	09/22/20 12:15	09/23/20 04:59
60349231002	**DPT-7-SO-(29-30)**	Solid	09/22/20 12:55	09/23/20 04:59
60349231003	**PINE LAWN-RB**	Water	09/22/20 13:36	09/23/20 04:59
60349231004	**PINE LAWN-SO-TB3**	Solid	09/22/20 13:13	09/23/20 04:59
60349231005	**DPT-8-SO-(29-30)**	Solid	09/22/20 14:47	09/23/20 04:59
60349231006	**DPT-8-SO-(29-30)-FD**	Solid	09/22/20 14:47	09/23/20 04:59

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349231

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349231001	**DPT-7-SO-(2-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349231002	**DPT-7-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349231003	**PINE LAWN-RB**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349231004	**PINE LAWN-SO-TB3**	EPA 8260B	RAD	68	PASI-K
60349231005	**DPT-8-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349231

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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

PASI-K = Pace Analytical Services - Kansas City

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

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(2-3) **Lab ID: 60349231001** Collected: 09/22/20 12:15 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	39.2	1	09/29/20 15:19	10/01/20 20:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.2	1	09/29/20 15:19	10/01/20 20:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	93	%	28-143	1	09/29/20 15:19	10/01/20 20:57	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**9.0**	mg/kg	0.86	1	10/02/20 10:03	10/05/20 13:57	7440-38-2	
Barium	**298**	mg/kg	0.43	1	10/02/20 10:03	10/05/20 13:57	7440-39-3	
Cadmium	ND	mg/kg	0.43	1	10/02/20 10:03	10/05/20 13:57	7440-43-9	
Chromium	**17.3**	mg/kg	0.43	1	10/02/20 10:03	10/05/20 13:57	7440-47-3	
Lead	**12.4**	mg/kg	0.86	1	10/02/20 10:03	10/05/20 13:57	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/02/20 10:03	10/05/20 13:57	7782-49-2	
Silver	ND	mg/kg	0.60	1	10/02/20 10:03	10/05/20 13:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.056	1	09/30/20 18:07	10/01/20 12:51	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	83-32-9	
Acenaphthylene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	208-96-8	
Anthracene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	207-08-9	
Benzoic Acid	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:06	65-85-0	L1
Benzyl alcohol	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	101-55-3	
Butylbenzylphthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	85-68-7	
Carbazole	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	59-50-7	
4-Chloroaniline	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	108-60-1	
2-Chloronaphthalene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(2-3) **Lab ID: 60349231001** Collected: 09/22/20 12:15 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	386	1	09/29/20 13:22	09/30/20 17:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	7005-72-3	
Chrysene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	53-70-3	
Dibenzofuran	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	120-83-2	
Diethylphthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	105-67-9	
Dimethylphthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	131-11-3	
Di-n-butylphthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:06	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	606-20-2	
Di-n-octylphthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	117-81-7	
Fluoranthene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	206-44-0	
Fluorene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	87-68-3	
Hexachlorobenzene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	77-47-4	
Hexachloroethane	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	193-39-5	
Isophorone	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	78-59-1	
2-Methylnaphthalene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	15831-10-4	
Naphthalene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	91-20-3	
2-Nitroaniline	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	88-74-4	
3-Nitroaniline	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	99-09-2	
4-Nitroaniline	ND	ug/kg	772	1	09/29/20 13:22	09/30/20 17:06	100-01-6	
Nitrobenzene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	98-95-3	
2-Nitrophenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:06	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	86-30-6	
Pentachlorophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:06	87-86-5	
Phenanthrene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	85-01-8	
Phenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	108-95-2	
Pyrene	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	129-00-0	
Pyridine	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(2-3) **Lab ID: 60349231001** Collected: 09/22/20 12:15 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	386	1	09/29/20 13:22	09/30/20 17:06	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	386	1	09/29/20 13:22	09/30/20 17:06	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	09/29/20 13:22	09/30/20 17:06	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-136	1	09/29/20 13:22	09/30/20 17:06	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/29/20 13:22	09/30/20 17:06	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/29/20 13:22	09/30/20 17:06	13127-88-3	
2-Fluorophenol (S)	67	%	43-96	1	09/29/20 13:22	09/30/20 17:06	367-12-4	
2,4,6-Tribromophenol (S)	75	%	41-108	1	09/29/20 13:22	09/30/20 17:06	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	18.0	1	09/28/20 12:36	10/01/20 20:17		
TPH-DRO	ND	mg/kg	18.0	1	09/28/20 12:36	10/01/20 20:17		
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/28/20 12:36	10/01/20 20:17	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-136	1	09/28/20 12:36	10/01/20 20:17	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/28/20 12:36	10/01/20 20:17	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**27.8**	ug/kg	16.4	1	09/24/20 16:10	09/24/20 23:30	67-64-1	
Benzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-27-4	
Bromoform	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-25-2	
Bromomethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.2	1	09/24/20 16:10	09/24/20 23:30	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.5	1	09/24/20 16:10	09/24/20 23:30	98-06-6	
Carbon disulfide	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	108-90-7	
Chloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-00-3	
Chloroform	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	67-66-3	
Chloromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1	09/24/20 16:10	09/24/20 23:30	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(2-3) **Lab ID: 60349231001** Collected: 09/22/20 12:15 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	09/24/20 16:10	09/24/20 23:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	87-68-3	
2-Hexanone	ND	ug/kg	16.4	1	09/24/20 16:10	09/24/20 23:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.2	1	09/24/20 16:10	09/24/20 23:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	1634-04-4	
Naphthalene	ND	ug/kg	8.2	1	09/24/20 16:10	09/24/20 23:30	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	103-65-1	
Styrene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	127-18-4	
Toluene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	75-01-4	
Xylene (Total)	ND	ug/kg	4.1	1	09/24/20 16:10	09/24/20 23:30	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 16:10	09/24/20 23:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/24/20 16:10	09/24/20 23:30	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(2-3) **Lab ID: 60349231001** Collected: 09/22/20 12:15 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	104	%	78-118	1	09/24/20 16:10	09/24/20 23:30	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	09/24/20 16:10	09/24/20 23:30		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/24/20 16:10	09/24/20 23:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/24/20 16:10	09/24/20 23:30	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-123	1	09/24/20 16:10	09/24/20 23:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**17.0**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(29-30) **Lab ID: 60349231002** Collected: 09/22/20 12:55 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	38.1	1	09/29/20 15:19	10/01/20 21:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.1	1	09/29/20 15:19	10/01/20 21:50	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	93	%	28-143	1	09/29/20 15:19	10/01/20 21:50	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**3.3**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 14:05	7440-38-2	
Barium	**67.6**	mg/kg	0.54	1	10/02/20 10:03	10/05/20 14:05	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	10/02/20 10:03	10/05/20 14:05	7440-43-9	
Chromium	**31.5**	mg/kg	0.54	1	10/02/20 10:03	10/05/20 14:05	7440-47-3	
Lead	**10.8**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 14:05	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/02/20 10:03	10/05/20 14:05	7782-49-2	
Silver	ND	mg/kg	0.76	1	10/02/20 10:03	10/05/20 14:05	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.046	1	09/30/20 18:07	10/01/20 12:54	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	83-32-9	
Acenaphthylene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	208-96-8	
Anthracene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	207-08-9	
Benzoic Acid	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 17:27	65-85-0	L1
Benzyl alcohol	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	85-68-7	
Carbazole	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	59-50-7	
4-Chloroaniline	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	91-58-7	

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(913)599-5665

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(29-30) **Lab ID: 60349231002** Collected: 09/22/20 12:55 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	374	1	09/29/20 13:22	09/30/20 17:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	7005-72-3	
Chrysene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	53-70-3	
Dibenzofuran	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	120-83-2	
Diethylphthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	105-67-9	
Dimethylphthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 17:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 17:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	117-81-7	
Fluoranthene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	206-44-0	
Fluorene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	77-47-4	
Hexachloroethane	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	193-39-5	
Isophorone	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	78-59-1	
2-Methylnaphthalene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	15831-10-4	
Naphthalene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	91-20-3	
2-Nitroaniline	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	88-74-4	
3-Nitroaniline	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	99-09-2	
4-Nitroaniline	ND	ug/kg	749	1	09/29/20 13:22	09/30/20 17:27	100-01-6	
Nitrobenzene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	98-95-3	
2-Nitrophenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	88-75-5	
4-Nitrophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 17:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	86-30-6	
Pentachlorophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 17:27	87-86-5	
Phenanthrene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	85-01-8	
Phenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	108-95-2	
Pyrene	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	129-00-0	
Pyridine	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(29-30) **Lab ID: 60349231002** Collected: 09/22/20 12:55 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	374	1	09/29/20 13:22	09/30/20 17:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	374	1	09/29/20 13:22	09/30/20 17:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	33-132	1	09/29/20 13:22	09/30/20 17:27	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-136	1	09/29/20 13:22	09/30/20 17:27	321-60-8	
Terphenyl-d14 (S)	79	%	29-131	1	09/29/20 13:22	09/30/20 17:27	1718-51-0	
Phenol-d6 (S)	73	%	43-95	1	09/29/20 13:22	09/30/20 17:27	13127-88-3	
2-Fluorophenol (S)	72	%	43-96	1	09/29/20 13:22	09/30/20 17:27	367-12-4	
2,4,6-Tribromophenol (S)	75	%	41-108	1	09/29/20 13:22	09/30/20 17:27	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	16.9	1	09/28/20 12:36	10/01/20 20:36		
TPH-DRO	ND	mg/kg	16.9	1	09/28/20 12:36	10/01/20 20:36		
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	09/28/20 12:36	10/01/20 20:36	4165-60-0	
2-Fluorobiphenyl (S)	84	%	39-136	1	09/28/20 12:36	10/01/20 20:36	321-60-8	
Terphenyl-d14 (S)	85	%	29-131	1	09/28/20 12:36	10/01/20 20:36	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	17.1	1	09/24/20 16:10	09/24/20 23:45	67-64-1	
Benzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-27-4	
Bromoform	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-25-2	
Bromomethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 23:45	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	21.4	1	09/24/20 16:10	09/24/20 23:45	98-06-6	
Carbon disulfide	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	108-90-7	
Chloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-00-3	
Chloroform	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	67-66-3	
Chloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 23:45	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(29-30) **Lab ID: 60349231002** Collected: 09/22/20 12:55 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.3	1	09/24/20 16:10	09/24/20 23:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	87-68-3	
2-Hexanone	ND	ug/kg	17.1	1	09/24/20 16:10	09/24/20 23:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 23:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	1634-04-4	
Naphthalene	ND	ug/kg	8.6	1	09/24/20 16:10	09/24/20 23:45	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	103-65-1	
Styrene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	127-18-4	
Toluene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	75-01-4	
Xylene (Total)	ND	ug/kg	4.3	1	09/24/20 16:10	09/24/20 23:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/24/20 16:10	09/24/20 23:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/24/20 16:10	09/24/20 23:45	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-7-SO-(29-30) **Lab ID: 60349231002** Collected: 09/22/20 12:55 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	09/24/20 16:10	09/24/20 23:45	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	0.43	1	09/24/20 16:10	09/24/20 23:45		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/24/20 16:10	09/24/20 23:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/24/20 16:10	09/24/20 23:45	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	09/24/20 16:10	09/24/20 23:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.4**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-RB **Lab ID: 60349231003** Collected: 09/22/20 13:36 Received: 09/23/20 04:59 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	0.91	1	10/02/20 13:17	10/02/20 15:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.91	1	10/02/20 13:17	10/02/20 15:00	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	30-136	1	10/02/20 13:17	10/02/20 15:00	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:10	7440-38-2	
Barium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:10	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:10	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:10	7440-47-3	
Lead	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:10	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 16:10	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 16:10	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 15:45	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:45	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:45	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:45	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:45	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:45	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:45	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 10:52	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	09/29/20 14:13	10/01/20 10:01	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	09/24/20 21:47	10/01/20 21:55		
TPH-DRO	ND	mg/L	1.0	1	09/24/20 21:47	10/01/20 21:55		
Surrogates								
Nitrobenzene-d5 (S)	64	%	27-106	1	09/24/20 21:47	10/01/20 21:55	4165-60-0	
2-Fluorobiphenyl (S)	64	%	29-108	1	09/24/20 21:47	10/01/20 21:55	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-RB **Lab ID: 60349231003** Collected: 09/22/20 13:36 Received: 09/23/20 04:59 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)	51	%	34-129	1	09/24/20 21:47	10/01/20 21:55	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	09/28/20 22:11	09/30/20 10:05	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:05	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-RB **Lab ID: 60349231003** Collected: 09/22/20 13:36 Received: 09/23/20 04:59 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	09/28/20 22:11	09/30/20 10:05	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	116	%	27-106	1	09/28/20 22:11	09/30/20 10:05	4165-60-0	S3
2-Fluorobiphenyl (S)	112	%	29-108	1	09/28/20 22:11	09/30/20 10:05	321-60-8	S3
Terphenyl-d14 (S)	165	%	34-129	1	09/28/20 22:11	09/30/20 10:05	1718-51-0	S3
Phenol-d6 (S)	46	%	10-44	1	09/28/20 22:11	09/30/20 10:05	13127-88-3	S3
2-Fluorophenol (S)	70	%	11-64	1	09/28/20 22:11	09/30/20 10:05	367-12-4	S3
2,4,6-Tribromophenol (S)	117	%	16-114	1	09/28/20 22:11	09/30/20 10:05	118-79-6	S3
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 14:31	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 14:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 14:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 14:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 14:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 14:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 14:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 14:31	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-RB **Lab ID: 60349231003** Collected: 09/22/20 13:36 Received: 09/23/20 04:59 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		09/25/20 14:31	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 14:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 14:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 14:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 14:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 14:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 14:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 14:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 14:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 14:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 14:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 14:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 14:31	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 14:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 14:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 14:31	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 14:31	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 14:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 14:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 14:31	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 14:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 14:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 14:31	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 14:31	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 14:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 14:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 14:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 14:31	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 14:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:31	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-RB **Lab ID: 60349231003** Collected: 09/22/20 13:36 Received: 09/23/20 04:59 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		09/25/20 14:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 14:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 14:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 14:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 14:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 14:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 14:31	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 14:31	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	98	%	80-120	1		09/25/20 14:31	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/25/20 14:31	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		09/25/20 14:31	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 14:31		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 14:31		
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		09/25/20 14:31	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		09/25/20 14:31	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/25/20 14:31	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 14:31		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-SO-TB3 **Lab ID: 60349231004** Collected: 09/22/20 13:13 Received: 09/23/20 04:59 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	09/24/20 16:10	09/24/20 22:13	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 22:13	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/24/20 16:10	09/24/20 22:13	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 22:13	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/24/20 16:10	09/24/20 22:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: PINE LAWN-SO-TB3 **Lab ID: 60349231004** Collected: 09/22/20 13:13 Received: 09/23/20 04:59 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	09/24/20 16:10	09/24/20 22:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/24/20 16:10	09/24/20 22:13	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	127-18-4	
Toluene	**9.5**	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/24/20 16:10	09/24/20 22:13	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	09/24/20 16:10	09/24/20 22:13	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/24/20 16:10	09/24/20 22:13	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	78-118	1	09/24/20 16:10	09/24/20 22:13	17060-07-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30) **Lab ID: 60349231005** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	38.9	1	09/29/20 15:19	10/01/20 22:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.9	1	09/29/20 15:19	10/01/20 22:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/29/20 15:19	10/01/20 22:08	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**3.3**	mg/kg	0.88	1	10/02/20 10:03	10/05/20 14:07	7440-38-2	
Barium	**83.9**	mg/kg	0.44	1	10/02/20 10:03	10/05/20 14:07	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	10/02/20 10:03	10/05/20 14:07	7440-43-9	
Chromium	**31.0**	mg/kg	0.44	1	10/02/20 10:03	10/05/20 14:07	7440-47-3	
Lead	**8.0**	mg/kg	0.88	1	10/02/20 10:03	10/05/20 14:07	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/02/20 10:03	10/05/20 14:07	7782-49-2	
Silver	ND	mg/kg	0.61	1	10/02/20 10:03	10/05/20 14:07	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.054	1	09/30/20 18:07	10/01/20 12:56	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	83-32-9	
Acenaphthylene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	208-96-8	
Anthracene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	207-08-9	
Benzoic Acid	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:49	65-85-0	L1
Benzyl alcohol	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	85-68-7	
Carbazole	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	59-50-7	
4-Chloroaniline	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30) **Lab ID: 60349231005** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	385	1	09/29/20 13:22	09/30/20 17:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	7005-72-3	
Chrysene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	53-70-3	
Dibenzofuran	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	120-83-2	
Diethylphthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	105-67-9	
Dimethylphthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	117-81-7	
Fluoranthene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	206-44-0	
Fluorene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	77-47-4	
Hexachloroethane	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	193-39-5	
Isophorone	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	78-59-1	
2-Methylnaphthalene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	15831-10-4	
Naphthalene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	91-20-3	
2-Nitroaniline	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	88-74-4	
3-Nitroaniline	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	99-09-2	
4-Nitroaniline	ND	ug/kg	769	1	09/29/20 13:22	09/30/20 17:49	100-01-6	
Nitrobenzene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	98-95-3	
2-Nitrophenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	86-30-6	
Pentachlorophenol	ND	ug/kg	1950	1	09/29/20 13:22	09/30/20 17:49	87-86-5	
Phenanthrene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	85-01-8	
Phenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	108-95-2	
Pyrene	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	129-00-0	
Pyridine	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30) **Lab ID: 60349231005** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	385	1	09/29/20 13:22	09/30/20 17:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	385	1	09/29/20 13:22	09/30/20 17:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	33-132	1	09/29/20 13:22	09/30/20 17:49	4165-60-0	
2-Fluorobiphenyl (S)	71	%	39-136	1	09/29/20 13:22	09/30/20 17:49	321-60-8	
Terphenyl-d14 (S)	74	%	29-131	1	09/29/20 13:22	09/30/20 17:49	1718-51-0	
Phenol-d6 (S)	68	%	43-95	1	09/29/20 13:22	09/30/20 17:49	13127-88-3	
2-Fluorophenol (S)	67	%	43-96	1	09/29/20 13:22	09/30/20 17:49	367-12-4	
2,4,6-Tribromophenol (S)	70	%	41-108	1	09/29/20 13:22	09/30/20 17:49	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	17.9	1	09/28/20 12:36	10/01/20 20:56		
TPH-DRO	ND	mg/kg	17.9	1	09/28/20 12:36	10/01/20 20:56		
Surrogates								
Nitrobenzene-d5 (S)	80	%	33-132	1	09/28/20 12:36	10/01/20 20:56	4165-60-0	
2-Fluorobiphenyl (S)	87	%	39-136	1	09/28/20 12:36	10/01/20 20:56	321-60-8	
Terphenyl-d14 (S)	87	%	29-131	1	09/28/20 12:36	10/01/20 20:56	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	15.2	1	09/24/20 16:10	09/25/20 00:01	67-64-1	
Benzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-27-4	
Bromoform	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-25-2	
Bromomethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.6	1	09/24/20 16:10	09/25/20 00:01	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.9	1	09/24/20 16:10	09/25/20 00:01	98-06-6	
Carbon disulfide	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	108-90-7	
Chloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-00-3	
Chloroform	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	67-66-3	
Chloromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	1	09/24/20 16:10	09/25/20 00:01	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30) **Lab ID: 60349231005** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	3.8	1	09/24/20 16:10	09/25/20 00:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	87-68-3	
2-Hexanone	ND	ug/kg	15.2	1	09/24/20 16:10	09/25/20 00:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	99-87-6	
Methylene Chloride	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.6	1	09/24/20 16:10	09/25/20 00:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	1634-04-4	
Naphthalene	ND	ug/kg	7.6	1	09/24/20 16:10	09/25/20 00:01	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	103-65-1	
Styrene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	127-18-4	
Toluene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	108-67-8	
Vinyl chloride	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	75-01-4	
Xylene (Total)	ND	ug/kg	3.8	1	09/24/20 16:10	09/25/20 00:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 16:10	09/25/20 00:01	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/24/20 16:10	09/25/20 00:01	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30) **Lab ID: 60349231005** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	103	%	78-118	1	09/24/20 16:10	09/25/20 00:01	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	0.38	1	09/24/20 16:10	09/25/20 00:01		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/24/20 16:10	09/25/20 00:01	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/24/20 16:10	09/25/20 00:01	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-123	1	09/24/20 16:10	09/25/20 00:01	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.1**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30)-FD **Lab ID: 60349231006** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	38.0	1	09/29/20 15:19	10/01/20 22:26	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.0	1	09/29/20 15:19	10/01/20 22:26	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	92	%	28-143	1	09/29/20 15:19	10/01/20 22:26	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.8**	mg/kg	0.95	1	10/02/20 10:03	10/05/20 14:10	7440-38-2	
Barium	**81.0**	mg/kg	0.47	1	10/02/20 10:03	10/05/20 14:10	7440-39-3	
Cadmium	ND	mg/kg	0.47	1	10/02/20 10:03	10/05/20 14:10	7440-43-9	
Chromium	**28.3**	mg/kg	0.47	1	10/02/20 10:03	10/05/20 14:10	7440-47-3	
Lead	**6.7**	mg/kg	0.95	1	10/02/20 10:03	10/05/20 14:10	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/02/20 10:03	10/05/20 14:10	7782-49-2	
Silver	ND	mg/kg	0.66	1	10/02/20 10:03	10/05/20 14:10	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.046	1	09/30/20 18:07	10/01/20 12:58	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	83-32-9	
Acenaphthylene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	208-96-8	
Anthracene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	207-08-9	
Benzoic Acid	ND	ug/kg	1920	1	09/29/20 13:22	09/30/20 18:10	65-85-0	L1
Benzyl alcohol	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	101-55-3	
Butylbenzylphthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	85-68-7	
Carbazole	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	59-50-7	
4-Chloroaniline	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	108-60-1	
2-Chloronaphthalene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30)-FD **Lab ID: 60349231006** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	379	1	09/29/20 13:22	09/30/20 18:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	7005-72-3	
Chrysene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	53-70-3	
Dibenzofuran	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	120-83-2	
Diethylphthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	105-67-9	
Dimethylphthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	131-11-3	
Di-n-butylphthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1920	1	09/29/20 13:22	09/30/20 18:10	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1920	1	09/29/20 13:22	09/30/20 18:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	606-20-2	
Di-n-octylphthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	117-81-7	
Fluoranthene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	206-44-0	
Fluorene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	87-68-3	
Hexachlorobenzene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	77-47-4	
Hexachloroethane	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	193-39-5	
Isophorone	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	78-59-1	
2-Methylnaphthalene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	15831-10-4	
Naphthalene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	91-20-3	
2-Nitroaniline	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	88-74-4	
3-Nitroaniline	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	99-09-2	
4-Nitroaniline	ND	ug/kg	758	1	09/29/20 13:22	09/30/20 18:10	100-01-6	
Nitrobenzene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	98-95-3	
2-Nitrophenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	88-75-5	
4-Nitrophenol	ND	ug/kg	1920	1	09/29/20 13:22	09/30/20 18:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	86-30-6	
Pentachlorophenol	ND	ug/kg	1920	1	09/29/20 13:22	09/30/20 18:10	87-86-5	
Phenanthrene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	85-01-8	
Phenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	108-95-2	
Pyrene	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	129-00-0	
Pyridine	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30)-FD **Lab ID: 60349231006** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	379	1	09/29/20 13:22	09/30/20 18:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	379	1	09/29/20 13:22	09/30/20 18:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	33-132	1	09/29/20 13:22	09/30/20 18:10	4165-60-0	
2-Fluorobiphenyl (S)	69	%	39-136	1	09/29/20 13:22	09/30/20 18:10	321-60-8	
Terphenyl-d14 (S)	72	%	29-131	1	09/29/20 13:22	09/30/20 18:10	1718-51-0	
Phenol-d6 (S)	64	%	43-95	1	09/29/20 13:22	09/30/20 18:10	13127-88-3	
2-Fluorophenol (S)	64	%	43-96	1	09/29/20 13:22	09/30/20 18:10	367-12-4	
2,4,6-Tribromophenol (S)	65	%	41-108	1	09/29/20 13:22	09/30/20 18:10	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	10/02/20 15:05	10/05/20 10:34		
TPH-DRO	ND	mg/kg	17.8	1	10/02/20 15:05	10/05/20 10:34		
Surrogates								
Nitrobenzene-d5 (S)	87	%	33-132	1	10/02/20 15:05	10/05/20 10:34	4165-60-0	
2-Fluorobiphenyl (S)	96	%	39-136	1	10/02/20 15:05	10/05/20 10:34	321-60-8	
Terphenyl-d14 (S)	105	%	29-131	1	10/02/20 15:05	10/05/20 10:34	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	14.5	1	09/24/20 16:10	09/25/20 00:16	67-64-1	
Benzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-27-4	
Bromoform	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-25-2	
Bromomethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.3	1	09/24/20 16:10	09/25/20 00:16	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.2	1	09/24/20 16:10	09/25/20 00:16	98-06-6	
Carbon disulfide	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	108-90-7	
Chloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-00-3	
Chloroform	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	67-66-3	
Chloromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1	09/24/20 16:10	09/25/20 00:16	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30)-FD **Lab ID: 60349231006** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	3.6	1	09/24/20 16:10	09/25/20 00:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	87-68-3	
2-Hexanone	ND	ug/kg	14.5	1	09/24/20 16:10	09/25/20 00:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	99-87-6	
Methylene Chloride	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.3	1	09/24/20 16:10	09/25/20 00:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	1634-04-4	
Naphthalene	ND	ug/kg	7.3	1	09/24/20 16:10	09/25/20 00:16	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	103-65-1	
Styrene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	127-18-4	
Toluene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	75-01-4	
Xylene (Total)	ND	ug/kg	3.6	1	09/24/20 16:10	09/25/20 00:16	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	09/24/20 16:10	09/25/20 00:16	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/24/20 16:10	09/25/20 00:16	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349231

Sample: DPT-8-SO-(29-30)-FD **Lab ID: 60349231006** Collected: 09/22/20 14:47 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	104	%	78-118	1	09/24/20 16:10	09/25/20 00:16	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	0.36	1	09/24/20 16:10	09/25/20 00:16		
Surrogates								
Toluene-d8 (S)	102	%	78-122	1	09/24/20 16:10	09/25/20 00:16	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/24/20 16:10	09/25/20 00:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-123	1	09/24/20 16:10	09/25/20 00:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.1**	%	0.50	1		09/24/20 15:46		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679620
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2747878 Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/01/20 10:47	

LABORATORY CONTROL SAMPLE: 2747879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747880 2747881

Parameter	Units	60349231003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.3	5.0	106	100	75-125	6	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

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679617
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2747874 Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	10/01/20 09:57	

LABORATORY CONTROL SAMPLE: 2747875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747876 2747877

Parameter	Units	60349234004 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	4.7	4.6	94	93	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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2748882 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	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: PINE LAWN
Pace Project No.: 60349231

QC Batch: 680399
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2750577 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 13:34	
Barium	mg/kg	ND	0.50	10/05/20 13:34	
Cadmium	mg/kg	ND	0.50	10/05/20 13:34	
Chromium	mg/kg	ND	0.50	10/05/20 13:34	
Lead	mg/kg	ND	1.0	10/05/20 13:34	
Selenium	mg/kg	ND	1.5	10/05/20 13:34	
Silver	mg/kg	ND	0.70	10/05/20 13:34	

LABORATORY CONTROL SAMPLE: 2750578

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	101	101	80-120	
Chromium	mg/kg	100	106	106	80-120	
Lead	mg/kg	100	107	107	80-120	
Selenium	mg/kg	100	99.6	100	80-120	
Silver	mg/kg	50	51.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750579 2750580

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.0	96.8	93.7	93.2	89.5	91	90	75-125	4	20	
Barium	mg/kg	69.8	96.8	93.7	173	168	107	104	75-125	3	20	
Cadmium	mg/kg	ND	96.8	93.7	87.0	83.4	90	89	75-125	4	20	
Chromium	mg/kg	26.8	96.8	93.7	130	125	107	104	75-125	4	20	
Lead	mg/kg	11.2	96.8	93.7	101	97.3	92	92	75-125	3	20	
Selenium	mg/kg	ND	96.8	93.7	82.9	79.7	86	85	75-125	4	20	
Silver	mg/kg	ND	48.4	46.9	46.6	44.5	95	94	75-125	4	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 680313
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2750129
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/02/20 15:58	
Barium	ug/L	ND	5.0	10/02/20 15:58	
Cadmium	ug/L	ND	5.0	10/02/20 15:58	
Chromium	ug/L	ND	5.0	10/02/20 15:58	
Lead	ug/L	ND	10.0	10/02/20 15:58	
Selenium	ug/L	ND	15.0	10/02/20 15:58	
Silver	ug/L	ND	7.0	10/02/20 15:58	

LABORATORY CONTROL SAMPLE: 2750130

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	979	98	80-120	
Barium	ug/L	1000	936	94	80-120	
Cadmium	ug/L	1000	989	99	80-120	
Chromium	ug/L	1000	970	97	80-120	
Lead	ug/L	1000	1000	100	80-120	
Selenium	ug/L	1000	1020	102	80-120	
Silver	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750131 2750132

Parameter	Units	60349231003 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	962	980	96	98	75-125	2	20	
Barium	ug/L	ND	1000	1000	928	943	93	94	75-125	2	20	
Cadmium	ug/L	ND	1000	1000	974	992	97	99	75-125	2	20	
Chromium	ug/L	ND	1000	1000	961	992	96	99	75-125	3	20	
Lead	ug/L	ND	1000	1000	994	1010	99	101	75-125	1	20	
Selenium	ug/L	ND	1000	1000	999	1020	100	102	75-125	2	20	
Silver	ug/L	ND	500	500	480	487	96	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

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: 60349231003

METHOD BLANK: 2750140 Matrix: Water
Associated Lab Samples: 60349231003

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	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678876
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: 60349231001, 60349231002, 60349231004, 60349231005, 60349231006

METHOD BLANK: 2744715
Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231004, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/24/20 21:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
2,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
2-Butanone (MEK)	ug/kg	ND	10.0	09/24/20 21:41	
2-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
2-Hexanone	ug/kg	ND	20.0	09/24/20 21:41	
4-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/24/20 21:41	
Acetone	ug/kg	ND	20.0	09/24/20 21:41	
Benzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromodichloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromoform	ug/kg	ND	5.0	09/24/20 21:41	
Bromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Carbon disulfide	ug/kg	ND	5.0	09/24/20 21:41	
Carbon tetrachloride	ug/kg	ND	5.0	09/24/20 21:41	
Chlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Chloroethane	ug/kg	ND	5.0	09/24/20 21:41	
Chloroform	ug/kg	ND	5.0	09/24/20 21:41	
Chloromethane	ug/kg	ND	5.0	09/24/20 21:41	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

METHOD BLANK: 2744715 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231004, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Dibromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Dibromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Ethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/24/20 21:41	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/24/20 21:41	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/24/20 21:41	
Methylene Chloride	ug/kg	ND	5.0	09/24/20 21:41	
n-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
n-Propylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Naphthalene	ug/kg	ND	10.0	09/24/20 21:41	
p-Isopropyltoluene	ug/kg	ND	5.0	09/24/20 21:41	
sec-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Styrene	ug/kg	ND	5.0	09/24/20 21:41	
tert-Butylbenzene	ug/kg	ND	25.0	09/24/20 21:41	
Tetrachloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Toluene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Trichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Trichlorofluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Vinyl chloride	ug/kg	ND	5.0	09/24/20 21:41	
Xylene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	78-118	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	85-115	09/24/20 21:41	
Toluene-d8 (S)	%	103	80-120	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	109	109	84-125	
1,1,1-Trichloroethane	ug/kg	100	99.3	99	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	102	102	76-121	
1,1,2-Trichloroethane	ug/kg	100	108	108	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	101	101	71-124	
1,1-Dichloropropene	ug/kg	100	87.8	88	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	109	109	81-123	
1,2,3-Trichloropropane	ug/kg	100	107	107	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	107	107	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	102	102	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	103	103	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	110	110	64-137	
1,2-Dichlorobenzene	ug/kg	100	106	106	83-119	
1,2-Dichloroethane	ug/kg	100	99.4	99	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	207	104	82-117	
1,2-Dichloropropane	ug/kg	100	102	102	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	103	103	81-122	
1,3-Dichlorobenzene	ug/kg	100	104	104	83-119	
1,3-Dichloropropane	ug/kg	100	107	107	83-118	
1,4-Dichlorobenzene	ug/kg	100	98.6	99	83-116	
2,2-Dichloropropane	ug/kg	100	96.6	97	76-124	
2-Butanone (MEK)	ug/kg	500	505	101	63-122	
2-Chlorotoluene	ug/kg	100	101	101	79-119	
2-Hexanone	ug/kg	500	522	104	68-122	
4-Chlorotoluene	ug/kg	100	102	102	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	521	104	63-128	
Acetone	ug/kg	500	466	93	55-124	
Benzene	ug/kg	100	98.3	98	67-126	
Bromobenzene	ug/kg	100	106	106	85-117	
Bromochloromethane	ug/kg	100	110	110	78-122	
Bromodichloromethane	ug/kg	100	107	107	82-120	
Bromoform	ug/kg	100	119	119	77-133	
Bromomethane	ug/kg	100	76.4	76	20-168	
Carbon disulfide	ug/kg	100	113	113	60-133	
Carbon tetrachloride	ug/kg	100	106	106	79-128	
Chlorobenzene	ug/kg	100	105	105	84-118	
Chloroethane	ug/kg	100	86.9	87	53-139	
Chloroform	ug/kg	100	103	103	82-120	
Chloromethane	ug/kg	100	59.4	59	33-143	
cis-1,2-Dichloroethene	ug/kg	100	103	103	83-117	
cis-1,3-Dichloropropene	ug/kg	100	104	104	80-122	
Dibromochloromethane	ug/kg	100	118	118	82-128	
Dibromomethane	ug/kg	100	106	106	82-119	
Dichlorodifluoromethane	ug/kg	100	38.4	38	12-159	
Ethylbenzene	ug/kg	100	100	100	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	105	105	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	100	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	105	105	58-137	
Methylene Chloride	ug/kg	100	97.3	97	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	101	101	82-122	
Naphthalene	ug/kg	100	115	115	60-136	
p-Isopropyltoluene	ug/kg	100	93.5	93	74-129	
sec-Butylbenzene	ug/kg	100	110	110	71-133	
Styrene	ug/kg	100	109	109	84-121	
tert-Butylbenzene	ug/kg	100	101	101	81-122	
Tetrachloroethene	ug/kg	100	107	107	78-130	
Toluene	ug/kg	100	100	100	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2744716

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	111	111	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	100	100	64-133	
Vinyl chloride	ug/kg	100	71.6	72	45-139	
Xylene (Total)	ug/kg	300	305	102	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	102	103	83	84	13-133	1	39	
1,1,1-Trichloroethane	ug/kg	ND	123	123	90.7	93.4	74	76	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	123	123	96.4	94.6	78	77	10-139	2	49	
1,1,2-Trichloroethane	ug/kg	ND	123	123	102	100	83	82	10-145	2	41	
1,1-Dichloroethane	ug/kg	ND	123	123	92.0	94.9	75	77	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	123	123	71.5	75.7	58	62	34-118	6	30	
1,1-Dichloropropene	ug/kg	ND	123	123	88.3	89.9	72	73	29-116	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	123	123	88.7	90.7	72	74	10-115	2	40	
1,2,3-Trichloropropane	ug/kg	ND	123	123	99.2	95.3	81	78	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	123	123	84.9	88.1	69	72	10-115	4	44	
1,2,4-Trimethylbenzene	ug/kg	ND	123	123	91.2	91.9	74	75	10-123	1	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	123	123	91.4	91.4	74	74	10-136	0	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	123	123	104	104	85	84	24-149	1	29	
1,2-Dichlorobenzene	ug/kg	ND	123	123	94.0	94.6	76	77	10-123	1	41	
1,2-Dichloroethane	ug/kg	ND	123	123	89.1	89.3	72	73	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	246	246	174	180	71	73	30-119	3	32	
1,2-Dichloropropane	ug/kg	ND	123	123	92.0	93.8	75	76	13-132	2	33	
1,3,5-Trimethylbenzene	ug/kg	ND	123	123	92.4	93.3	75	76	10-124	1	40	
1,3-Dichlorobenzene	ug/kg	ND	123	123	92.0	92.6	75	75	10-122	1	42	
1,3-Dichloropropane	ug/kg	ND	123	123	100	98.7	81	80	10-135	2	36	
1,4-Dichlorobenzene	ug/kg	ND	123	123	89.7	90.7	73	74	10-120	1	38	
2,2-Dichloropropane	ug/kg	ND	123	123	76.3	79.1	62	64	22-135	4	31	
2-Butanone (MEK)	ug/kg	7.1J	615	614	439	436	70	70	12-127	1	37	
2-Chlorotoluene	ug/kg	ND	123	123	91.3	91.1	74	74	10-126	0	38	
2-Hexanone	ug/kg	ND	615	614	458	451	74	73	10-135	2	37	
4-Chlorotoluene	ug/kg	ND	123	123	90.6	91.1	74	74	10-129	1	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	615	614	454	451	74	74	10-129	1	36	
Acetone	ug/kg	92.5	615	614	448	448	58	58	10-143	0	34	
Benzene	ug/kg	ND	123	123	86.6	88.5	70	72	37-135	2	24	
Bromobenzene	ug/kg	ND	123	123	97.3	97.1	79	79	10-134	0	45	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	98.3	98.7	80	80	17-129	0	34	
Bromodichloromethane	ug/kg	ND	123	123	98.8	99.5	80	81	12-130	1	33	
Bromoform	ug/kg	ND	123	123	109	110	89	90	10-135	1	39	
Bromomethane	ug/kg	ND	123	123	45.0	51.4	37	42	10-124	13	41	
Carbon disulfide	ug/kg	ND	123	123	60.0	65.6	49	53	17-116	9	28	
Carbon tetrachloride	ug/kg	ND	123	123	91.7	96.6	75	79	29-127	5	35	
Chlorobenzene	ug/kg	ND	123	123	98.6	99.4	80	81	10-133	1	33	
Chloroethane	ug/kg	ND	123	123	52.5	57.4	43	47	25-116	9	33	
Chloroform	ug/kg	ND	123	123	95.0	96.0	77	78	20-130	1	30	
Chloromethane	ug/kg	ND	123	123	30.0	33.3	24	27	10-113	10	31	
cis-1,2-Dichloroethene	ug/kg	ND	123	123	90.6	92.9	74	76	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	123	123	93.1	94.1	76	77	10-125	1	34	
Dibromochloromethane	ug/kg	ND	123	123	107	108	87	88	10-138	0	38	
Dibromomethane	ug/kg	ND	123	123	102	100	83	82	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	123	123	17.7	21.3	14	17	10-114	19	33	
Ethylbenzene	ug/kg	ND	123	123	97.5	97.7	79	80	31-142	0	25	
Hexachloro-1,3-butadiene	ug/kg	ND	123	123	85.9	86.8	70	71	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	123	123	97.6	98.2	79	80	17-120	1	34	
Methyl-tert-butyl ether	ug/kg	ND	123	123	86.9	88.0	71	72	30-143	1	28	
Methylene Chloride	ug/kg	ND	123	123	79.5	81.8	65	67	24-121	3	33	
n-Butylbenzene	ug/kg	ND	123	123	86.2	88.2	70	72	10-121	2	36	
n-Propylbenzene	ug/kg	ND	123	123	91.8	92.5	75	75	12-125	1	37	
Naphthalene	ug/kg	ND	123	123	98.8	98.4	80	80	10-156	0	34	
p-Isopropyltoluene	ug/kg	ND	123	123	91.8	92.0	75	75	10-119	0	37	
sec-Butylbenzene	ug/kg	ND	123	123	92.8	93.7	75	76	10-127	1	40	
Styrene	ug/kg	ND	123	123	96.4	97.9	78	80	10-124	2	37	
tert-Butylbenzene	ug/kg	ND	123	123	95.1	94.3	77	77	10-126	1	37	
Tetrachloroethene	ug/kg	ND	123	123	100	101	81	82	15-133	1	36	
Toluene	ug/kg	ND	123	123	94.8	95.0	77	77	40-137	0	25	
trans-1,2-Dichloroethene	ug/kg	ND	123	123	83.6	86.7	68	71	22-129	4	34	
trans-1,3-Dichloropropene	ug/kg	ND	123	123	94.6	96.5	77	79	10-130	2	35	
Trichloroethene	ug/kg	ND	123	123	94.7	96.8	77	79	19-135	2	34	
Trichlorofluoromethane	ug/kg	ND	123	123	64.1	70.4	52	57	16-132	9	28	
Vinyl chloride	ug/kg	ND	123	123	38.2	41.9	31	34	14-116	9	28	
Xylene (Total)	ug/kg	ND	370	368	287	290	78	79	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						97	98	78-118			
4-Bromofluorobenzene (S)	%						95	94	85-115			
Toluene-d8 (S)	%						103	102	80-120			

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678965
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: 60349231003

METHOD BLANK: 2745239
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
2,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
2-Butanone (MEK)	ug/L	ND	10.0	09/25/20 11:51	
2-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
2-Hexanone	ug/L	ND	10.0	09/25/20 11:51	
4-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/25/20 11:51	
Acetone	ug/L	ND	10.0	09/25/20 11:51	
Benzene	ug/L	ND	1.0	09/25/20 11:51	
Bromobenzene	ug/L	ND	1.0	09/25/20 11:51	
Bromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromodichloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromoform	ug/L	ND	1.0	09/25/20 11:51	
Bromomethane	ug/L	ND	5.0	09/25/20 11:51	
Carbon disulfide	ug/L	ND	5.0	09/25/20 11:51	
Carbon tetrachloride	ug/L	ND	1.0	09/25/20 11:51	
Chlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
Chloroethane	ug/L	ND	1.0	09/25/20 11:51	
Chloroform	ug/L	ND	1.0	09/25/20 11:51	
Chloromethane	ug/L	ND	1.0	09/25/20 11:51	

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Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

METHOD BLANK: 2745239 Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Dibromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Dibromomethane	ug/L	ND	1.0	09/25/20 11:51	
Dichlorodifluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Ethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/25/20 11:51	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/25/20 11:51	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/25/20 11:51	
Methylene Chloride	ug/L	ND	1.0	09/25/20 11:51	
n-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
n-Propylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Naphthalene	ug/L	ND	10.0	09/25/20 11:51	
p-Isopropyltoluene	ug/L	ND	1.0	09/25/20 11:51	
sec-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Styrene	ug/L	ND	1.0	09/25/20 11:51	
tert-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Tetrachloroethene	ug/L	ND	1.0	09/25/20 11:51	
Toluene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Trichloroethene	ug/L	ND	1.0	09/25/20 11:51	
Trichlorofluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Vinyl chloride	ug/L	ND	1.0	09/25/20 11:51	
Xylene (Total)	ug/L	ND	3.0	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.2	116	85-118	
1,1,1-Trichloroethane	ug/L	20	19.2	96	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	78-118	
1,1,2-Trichloroethane	ug/L	20	22.9	114	82-117	
1,1-Dichloroethane	ug/L	20	20.2	101	85-120	
1,1-Dichloroethene	ug/L	20	19.6	98	81-124	
1,1-Dichloropropene	ug/L	20	17.8	89	71-119	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	76-120	
1,2,3-Trichloropropane	ug/L	20	21.6	108	78-123	
1,2,4-Trichlorobenzene	ug/L	20	20.6	103	77-117	
1,2,4-Trimethylbenzene	ug/L	20	21.7	109	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	100	68-125	

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Pace Analytical Services, LLC
9608 Loiret Blvd.
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	22.3	111	83-120	
1,2-Dichlorobenzene	ug/L	20	21.3	106	80-120	
1,2-Dichloroethane	ug/L	20	19.2	96	79-118	
1,2-Dichloroethene (Total)	ug/L	40	41.1	103	84-118	
1,2-Dichloropropane	ug/L	20	20.6	103	85-117	
1,3,5-Trimethylbenzene	ug/L	20	21.3	107	80-118	
1,3-Dichlorobenzene	ug/L	20	21.5	107	80-120	
1,3-Dichloropropane	ug/L	20	22.1	111	85-120	
1,4-Dichlorobenzene	ug/L	20	20.1	101	84-115	
2,2-Dichloropropane	ug/L	20	22.4	112	60-129	
2-Butanone (MEK)	ug/L	100	116	116	70-125	
2-Chlorotoluene	ug/L	20	20.7	103	84-115	
2-Hexanone	ug/L	100	114	114	76-126	
4-Chlorotoluene	ug/L	20	21.2	106	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	117	117	73-131	
Acetone	ug/L	100	114	114	59-135	
Benzene	ug/L	20	20.1	100	82-115	
Bromobenzene	ug/L	20	20.6	103	84-115	
Bromochloromethane	ug/L	20	20.5	103	85-125	
Bromodichloromethane	ug/L	20	21.9	109	82-123	
Bromoform	ug/L	20	23.2	116	66-133	
Bromomethane	ug/L	20	18.0	90	27-179	
Carbon disulfide	ug/L	20	22.9	115	72-134	
Carbon tetrachloride	ug/L	20	20.7	103	80-121	
Chlorobenzene	ug/L	20	21.3	107	80-120	
Chloroethane	ug/L	20	18.2	91	78-145	
Chloroform	ug/L	20	19.8	99	84-116	
Chloromethane	ug/L	20	12.7	64	48-160	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	85-115	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	85-117	
Dibromochloromethane	ug/L	20	22.7	113	82-122	
Dibromomethane	ug/L	20	20.8	104	81-122	
Dichlorodifluoromethane	ug/L	20	9.4	47	50-173	L2,SS
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	22.6	113	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	84-117	
Methyl-tert-butyl ether	ug/L	20	22.1	111	77-126	
Methylene Chloride	ug/L	20	20.2	101	80-126	
n-Butylbenzene	ug/L	20	23.7	118	81-120	
n-Propylbenzene	ug/L	20	20.7	104	80-116	
Naphthalene	ug/L	20	20.1	100	73-126	
p-Isopropyltoluene	ug/L	20	20.1	100	74-121	
sec-Butylbenzene	ug/L	20	23.5	117	75-130	
Styrene	ug/L	20	22.6	113	80-117	
tert-Butylbenzene	ug/L	20	21.1	106	84-116	
Tetrachloroethene	ug/L	20	20.2	101	83-119	
Toluene	ug/L	20	20.6	103	83-115	

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Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.5	103	80-124	
trans-1,3-Dichloropropene	ug/L	20	22.7	113	83-117	
Trichloroethene	ug/L	20	19.5	97	80-118	
Trichlorofluoromethane	ug/L	20	22.1	110	83-133	
Vinyl chloride	ug/L	20	15.6	78	76-144	
Xylene (Total)	ug/L	60	63.1	105	82-120	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<5.2	20	20	21.3	21.4	106	107	68-125	1	15	
1,1,1-Trichloroethane	ug/L	<3.2	20	20	19.8	19.3	99	97	74-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<7.0	20	20	19.1	19.6	96	98	60-128	3	19	
1,1,2-Trichloroethane	ug/L	<7.0	20	20	21.7	21.8	108	109	66-125	1	28	
1,1-Dichloroethane	ug/L	<2.4	20	20	18.8	19.9	94	99	81-124	6	23	
1,1-Dichloroethene	ug/L	<5.2	20	20	20.3	21.0	101	105	64-141	3	21	
1,1-Dichloropropene	ug/L	<4.5	20	20	18.5	18.7	92	94	43-144	1	21	
1,2,3-Trichlorobenzene	ug/L	<15.5	20	20	17.9	18.4	89	92	56-116	3	31	
1,2,3-Trichloropropane	ug/L	<9.0	20	20	18.8	19.7	94	98	64-124	4	23	
1,2,4-Trichlorobenzene	ug/L	<9.2	20	20	19.6	19.5	98	98	54-118	0	28	
1,2,4-Trimethylbenzene	ug/L	<6.5	20	20	20.6	20.5	103	102	61-133	1	22	
1,2-Dibromo-3-chloropropane	ug/L	<23.8	20	20	18.1	18.8	90	94	56-128	4	33	
1,2-Dibromoethane (EDB)	ug/L	<4.8	20	20	20.1	20.3	100	101	70-122	1	18	
1,2-Dichlorobenzene	ug/L	<6.0	20	20	20.4	20.6	102	103	76-117	1	17	
1,2-Dichloroethane	ug/L	<5.8	20	20	18.8	18.4	94	92	64-135	2	22	
1,2-Dichloroethene (Total)	ug/L	<6.5	40	40	38.2	40.1	96	100	77-122	5	17	
1,2-Dichloropropane	ug/L	<4.0	20	20	20.7	20.7	103	104	73-125	0	19	
1,3,5-Trimethylbenzene	ug/L	<5.2	20	20	21.1	21.4	105	107	60-136	1	21	
1,3-Dichlorobenzene	ug/L	<6.0	20	20	20.6	20.6	103	103	71-121	0	20	
1,3-Dichloropropane	ug/L	<5.5	20	20	20.8	20.6	104	103	73-120	1	16	
1,4-Dichlorobenzene	ug/L	<6.5	20	20	18.4	19.0	74	77	57-125	4	19	
2,2-Dichloropropane	ug/L	<2.8	20	20	19.5	19.2	97	96	32-135	1	19	
2-Butanone (MEK)	ug/L	<60.0	100	100	98.5	99.2	99	99	58-121	1	22	
2-Chlorotoluene	ug/L	<6.0	20	20	19.9	20.3	99	102	66-129	2	19	
2-Hexanone	ug/L	<37.5	100	100	97.1	100	97	100	61-125	3	20	
4-Chlorotoluene	ug/L	<6.2	20	20	20.1	20.6	100	103	65-127	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<35.0	100	100	105	108	105	108	67-125	3	20	
Acetone	ug/L	<118	100	100	101	103	-11	-9	49-113	1	32	M1
Benzene	ug/L	331	20	20	33.0	32.6	-1490	-1490	49-140	1	25	M1
Bromobenzene	ug/L	<5.8	20	20	19.1	19.9	95	99	69-120	4	16	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/L	<4.8	20	20	19.7	19.1	99	95	74-123	3	18	
Bromodichloromethane	ug/L	<3.0	20	20	21.2	21.4	106	107	71-124	1	19	
Bromoform	ug/L	<9.5	20	20	20.7	20.4	103	102	56-113	1	18	
Bromomethane	ug/L	<24.8	20	20	13.5	14.5	68	72	12-165	7	43	
Carbon disulfide	ug/L	<6.0	20	20	23.9	24.1	119	120	66-145	1	18	
Carbon tetrachloride	ug/L	<4.8	20	20	21.6	22.5	108	113	84-130	4	21	
Chlorobenzene	ug/L	1230	20	20	70.5	71.0	-5810	-5800	68-126	1	14	M1
Chloroethane	ug/L	<9.5	20	20	18.5	18.8	92	94	67-145	2	28	
Chloroform	ug/L	<4.2	20	20	19.6	19.5	98	98	72-123	1	17	
Chloromethane	ug/L	<11.0	20	20	12.4	12.3	43	42	31-175	1	34	
cis-1,2-Dichloroethene	ug/L	<3.8	20	20	18.6	20.0	93	100	69-127	7	18	
cis-1,3-Dichloropropene	ug/L	<3.2	20	20	21.3	20.7	106	104	60-124	3	20	
Dibromochloromethane	ug/L	<4.2	20	20	21.6	21.6	108	108	68-123	0	24	
Dibromomethane	ug/L	<4.8	20	20	19.3	19.9	97	100	76-115	3	18	
Dichlorodifluoromethane	ug/L	<12.2	20	20	9.8	9.9	49	49	31-162	1	24	
Ethylbenzene	ug/L	<4.5	20	20	19.1	19.4	95	97	52-140	2	28	
Hexachloro-1,3-butadiene	ug/L	<12.8	20	20	21.6	21.7	108	109	41-132	1	27	
Isopropylbenzene (Cumene)	ug/L	<4.8	20	20	20.5	20.9	102	104	57-138	2	19	
Methyl-tert-butyl ether	ug/L	<2.3	20	20	20.3	20.3	102	102	62-127	0	21	
Methylene Chloride	ug/L	<20.2	20	20	19.2	19.1	96	96	68-125	0	24	
n-Butylbenzene	ug/L	<6.5	20	20	22.6	22.8	113	114	53-141	1	24	
n-Propylbenzene	ug/L	<4.0	20	20	20.5	21.0	102	105	49-149	2	20	
Naphthalene	ug/L	<14.0	20	20	18.9	18.2	95	91	45-141	4	28	
p-Isopropyltoluene	ug/L	<5.8	20	20	19.8	19.4	99	97	45-137	2	22	
sec-Butylbenzene	ug/L	<5.5	20	20	23.4	23.8	117	119	82-136	1	27	
Styrene	ug/L	<4.2	20	20	21.5	21.6	108	108	56-136	0	20	
tert-Butylbenzene	ug/L	<4.5	20	20	21.3	21.7	107	108	64-133	2	20	
Tetrachloroethene	ug/L	<3.8	20	20	20.3	21.0	102	105	59-133	3	28	
Toluene	ug/L	<4.5	20	20	20.0	19.7	83	82	56-137	2	21	
trans-1,2-Dichloroethene	ug/L	<3.8	20	20	19.6	20.0	98	100	70-130	2	24	
trans-1,3-Dichloropropene	ug/L	<4.2	20	20	20.6	21.4	103	107	69-121	4	24	
Trichloroethene	ug/L	<6.2	20	20	19.9	20.3	100	102	68-128	2	23	
Trichlorofluoromethane	ug/L	<6.0	20	20	23.9	23.9	120	119	65-149	0	25	
Vinyl chloride	ug/L	<6.2	20	20	16.3	16.7	63	66	51-148	3	23	
Xylene (Total)	ug/L	<13.5	60	60	62.3	61.3	104	102	59-139	1	22	
1,2-Dichloroethane-d4 (S)	%						98	101	86-117			
4-Bromofluorobenzene (S)	%						97	98	80-120			
Toluene-d8 (S)	%						102	98	80-120			
Preservation pH		1.0			1.0	1.0				0		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678959
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: 60349231003

METHOD BLANK: 2745226
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	4140	103	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678887
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: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2744774 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	80-123	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	69-133	09/24/20 21:41	
Toluene-d8 (S)	%	103	78-122	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.2	79	61-140	
1,2-Dichloroethane-d4 (S)	%			97	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679537
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2747540 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	10/01/20 15:18	
Decachlorobiphenyl (S)	%	89	28-143	10/01/20 15:18	

LABORATORY CONTROL SAMPLE: 2747541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	148	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	152	93	56-128	
Decachlorobiphenyl (S)	%			87	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747542 2747543

Parameter	Units	60348944003 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	177	185	144	156	82	84	38-131	8	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	177	185	177	184	100	99	30-141	4	40	
Decachlorobiphenyl (S)	%						87	86	28-143			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 680394
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2750572
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	10/02/20 14:24	
Decachlorobiphenyl (S)	%	72	30-136	10/02/20 14:24	

LABORATORY CONTROL SAMPLE: 2750573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.6	92	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	94	64-123	
Decachlorobiphenyl (S)	%			73	30-136	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679538
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2747544
Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,2-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,3-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,4-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
2,4,5-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dimethylphenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dinitrophenol	ug/kg	ND	1630	09/30/20 11:04	
2,4-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2,6-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2-Chloronaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Chlorophenol	ug/kg	ND	323	09/30/20 11:04	
2-Methylnaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	323	09/30/20 11:04	
2-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
2-Nitrophenol	ug/kg	ND	323	09/30/20 11:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	323	09/30/20 11:04	
3,3'-Dichlorobenzidine	ug/kg	ND	646	09/30/20 11:04	
3-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1630	09/30/20 11:04	
4-Bromophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Chloro-3-methylphenol	ug/kg	ND	646	09/30/20 11:04	
4-Chloroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Chlorophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Nitrophenol	ug/kg	ND	1630	09/30/20 11:04	
Acenaphthene	ug/kg	ND	323	09/30/20 11:04	
Acenaphthylene	ug/kg	ND	323	09/30/20 11:04	
Anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)pyrene	ug/kg	ND	323	09/30/20 11:04	
Benzo(b)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzo(g,h,i)perylene	ug/kg	ND	323	09/30/20 11:04	
Benzo(k)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzoic Acid	ug/kg	ND	1630	09/30/20 11:04	
Benzyl alcohol	ug/kg	ND	646	09/30/20 11:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroethyl) ether	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	323	09/30/20 11:04	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

METHOD BLANK: 2747544 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	323	09/30/20 11:04	
Butylbenzylphthalate	ug/kg	ND	323	09/30/20 11:04	
Carbazole	ug/kg	ND	323	09/30/20 11:04	
Chrysene	ug/kg	ND	323	09/30/20 11:04	
Di-n-butylphthalate	ug/kg	ND	323	09/30/20 11:04	
Di-n-octylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dibenz(a,h)anthracene	ug/kg	ND	323	09/30/20 11:04	
Dibenzofuran	ug/kg	ND	323	09/30/20 11:04	
Diethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dimethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Fluorene	ug/kg	ND	323	09/30/20 11:04	
Hexachloro-1,3-butadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorobenzene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorocyclopentadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachloroethane	ug/kg	ND	323	09/30/20 11:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	323	09/30/20 11:04	
Isophorone	ug/kg	ND	323	09/30/20 11:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	323	09/30/20 11:04	
N-Nitrosodiphenylamine	ug/kg	ND	323	09/30/20 11:04	
Naphthalene	ug/kg	ND	323	09/30/20 11:04	
Nitrobenzene	ug/kg	ND	323	09/30/20 11:04	
Pentachlorophenol	ug/kg	ND	1630	09/30/20 11:04	
Phenanthrene	ug/kg	ND	323	09/30/20 11:04	
Phenol	ug/kg	ND	323	09/30/20 11:04	
Pyrene	ug/kg	ND	323	09/30/20 11:04	
Pyridine	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Tribromophenol (S)	%	80	41-108	09/30/20 11:04	
2-Fluorobiphenyl (S)	%	80	39-136	09/30/20 11:04	
2-Fluorophenol (S)	%	77	43-96	09/30/20 11:04	
Nitrobenzene-d5 (S)	%	81	33-132	09/30/20 11:04	
Phenol-d6 (S)	%	78	43-95	09/30/20 11:04	
Terphenyl-d14 (S)	%	85	29-131	09/30/20 11:04	

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1570	1220	78	52-104	
1,2-Dichlorobenzene	ug/kg	1570	1210	77	51-99	
1,3-Dichlorobenzene	ug/kg	1570	1190	76	48-102	
1,4-Dichlorobenzene	ug/kg	1570	1190	76	49-101	
2,4,5-Trichlorophenol	ug/kg	1570	1290	82	58-109	
2,4,6-Trichlorophenol	ug/kg	1570	1270	81	56-109	
2,4-Dichlorophenol	ug/kg	1570	1250	80	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1570	1260	80	49-104	
2,4-Dinitrophenol	ug/kg	1570	1250J	79	26-119	
2,4-Dinitrotoluene	ug/kg	1570	1310	83	60-109	
2,6-Dinitrotoluene	ug/kg	1570	1260	80	59-109	
2-Chloronaphthalene	ug/kg	1570	1220	78	56-104	
2-Chlorophenol	ug/kg	1570	1250	79	56-98	
2-Methylnaphthalene	ug/kg	1570	1270	81	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1570	1250	79	52-102	
2-Nitroaniline	ug/kg	1570	1260	80	54-113	
2-Nitrophenol	ug/kg	1570	1250	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1570	1250	79	52-102	
3,3'-Dichlorobenzidine	ug/kg	1570	850	54	19-126	
3-Nitroaniline	ug/kg	1570	883	56	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1570	1160J	74	37-117	
4-Bromophenylphenyl ether	ug/kg	1570	1230	78	60-106	
4-Chloro-3-methylphenol	ug/kg	1570	1300	83	55-107	
4-Chloroaniline	ug/kg	1570	690	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1570	1240	79	56-107	
4-Nitroaniline	ug/kg	1570	1260	80	52-113	
4-Nitrophenol	ug/kg	1570	1350J	86	53-114	
Acenaphthene	ug/kg	1570	1260	80	55-105	
Acenaphthylene	ug/kg	1570	1310	84	57-105	
Anthracene	ug/kg	1570	1250	79	59-106	
Benzo(a)anthracene	ug/kg	1570	1270	81	59-109	
Benzo(a)pyrene	ug/kg	1570	1260	80	59-109	
Benzo(b)fluoranthene	ug/kg	1570	1280	82	56-112	
Benzo(g,h,i)perylene	ug/kg	1570	1280	82	57-109	
Benzo(k)fluoranthene	ug/kg	1570	1290	82	57-107	
Benzoic Acid	ug/kg	1570	1770	112	10-96	L1
Benzyl alcohol	ug/kg	1570	1280	81	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1570	1200	76	52-102	
bis(2-Chloroethyl) ether	ug/kg	1570	1190	76	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1570	1240	79	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1570	1340	85	61-113	
Butylbenzylphthalate	ug/kg	1570	1280	82	62-110	
Carbazole	ug/kg	1570	1290	82	60-106	
Chrysene	ug/kg	1570	1310	83	58-108	
Di-n-butylphthalate	ug/kg	1570	1300	83	61-110	
Di-n-octylphthalate	ug/kg	1570	1350	86	58-114	
Dibenz(a,h)anthracene	ug/kg	1570	1300	83	57-109	
Dibenzofuran	ug/kg	1570	1230	78	56-106	
Diethylphthalate	ug/kg	1570	1260	80	57-107	
Dimethylphthalate	ug/kg	1570	1260	80	55-106	
Fluoranthene	ug/kg	1570	1250	79	60-109	
Fluorene	ug/kg	1570	1240	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1570	1250	79	50-106	
Hexachlorobenzene	ug/kg	1570	1210	77	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1570	1010	65	18-118	
Hexachloroethane	ug/kg	1570	1200	76	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1570	1290	82	58-108	
Isophorone	ug/kg	1570	1240	79	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1570	1210	77	50-101	
N-Nitrosodiphenylamine	ug/kg	1570	1260	80	58-107	
Naphthalene	ug/kg	1570	1220	78	51-103	
Nitrobenzene	ug/kg	1570	1240	79	51-104	
Pentachlorophenol	ug/kg	1570	1280J	82	43-123	
Phenanthrene	ug/kg	1570	1240	79	58-106	
Phenol	ug/kg	1570	1250	80	53-101	
Pyrene	ug/kg	1570	1290	82	60-108	
Pyridine	ug/kg	1570	905	58	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			78	39-136	
2-Fluorophenol (S)	%			73	43-96	
Nitrobenzene-d5 (S)	%			78	33-132	
Phenol-d6 (S)	%			72	43-95	
Terphenyl-d14 (S)	%			83	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1460	1490	78	76	42-102	2	26	
1,2-Dichlorobenzene	ug/kg	ND	1870	1940	1390	1430	75	74	45-96	3	31	
1,3-Dichlorobenzene	ug/kg	ND	1870	1940	1370	1400	74	72	44-95	2	31	
1,4-Dichlorobenzene	ug/kg	ND	1870	1940	1410	1440	75	74	45-95	2	30	
2,4,5-Trichlorophenol	ug/kg	ND	1870	1940	1530	1530	82	79	47-109	0	31	
2,4,6-Trichlorophenol	ug/kg	ND	1870	1940	1540	1550	82	80	14-133	1	31	
2,4-Dichlorophenol	ug/kg	ND	1870	1940	1490	1530	80	79	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	1870	1940	1480	1500	79	77	22-113	1	32	
2,4-Dinitrophenol	ug/kg	ND	1870	1940	983J	929J	53	48	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	10-133	0	32	
2,6-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	17-125	0	25	
2-Chloronaphthalene	ug/kg	ND	1870	1940	1470	1490	79	76	47-105	1	28	
2-Chlorophenol	ug/kg	ND	1870	1940	1460	1470	78	75	44-100	0	31	
2-Methylnaphthalene	ug/kg	ND	1870	1940	1510	1530	81	79	43-104	1	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1870	1940	1440	1450	77	74	37-105	0	32	
2-Nitroaniline	ug/kg	ND	1870	1940	1540	1520	82	78	44-117	1	28	
2-Nitrophenol	ug/kg	ND	1870	1940	1480	1530	79	78	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1870	1940	1460	1460	78	75	35-108	0	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1870	1940	1180	1210	63	62	10-133	2	39	
3-Nitroaniline	ug/kg	ND	1870	1940	1350	1310	72	67	10-124	3	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1230J	1110J	66	57	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1870	1940	1500	1480	80	76	47-109	1	33	
4-Chloro-3-methylphenol	ug/kg	ND	1870	1940	1560	1540	83	79	42-109	1	30	
4-Chloroaniline	ug/kg	ND	1870	1940	956	965	51	50	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1870	1940	1490	1500	80	77	46-106	0	33	
4-Nitroaniline	ug/kg	ND	1870	1940	1450	1510	78	77	11-126	4	47	
4-Nitrophenol	ug/kg	ND	1870	1940	1550J	1790J	83	92	18-130		35	
Acenaphthene	ug/kg	ND	1870	1940	1530	1550	82	80	44-104	1	23	
Acenaphthylene	ug/kg	ND	1870	1940	1590	1580	85	81	47-102	1	29	
Anthracene	ug/kg	ND	1870	1940	1490	1510	80	77	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	1870	1940	1540	1510	83	78	10-139	2	32	
Benzo(a)pyrene	ug/kg	ND	1870	1940	1460	1470	78	76	12-132	1	33	
Benzo(b)fluoranthene	ug/kg	ND	1870	1940	1580	1490	85	77	12-136	6	37	
Benzo(g,h,i)perylene	ug/kg	ND	1870	1940	1400	1420	75	73	22-119	2	41	
Benzo(k)fluoranthene	ug/kg	ND	1870	1940	1450	1580	77	81	32-113	9	32	
Benzoic Acid	ug/kg	ND	1870	1940	1890	1580J	101	81	10-101		35	
Benzyl alcohol	ug/kg	ND	1870	1940	1470	1450	78	75	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1870	1940	1420	1440	76	74	41-100	1	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1870	1940	1410	1420	76	73	46-100	0	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1870	1940	1450	1450	77	75	40-99	0	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1870	1940	1570	1570	84	81	24-141	0	33	
Butylbenzylphthalate	ug/kg	ND	1870	1940	1530	1500	82	77	41-131	2	33	
Carbazole	ug/kg	ND	1870	1940	1510	1520	81	78	41-107	1	30	
Chrysene	ug/kg	ND	1870	1940	1560	1520	83	78	10-137	2	31	
Di-n-butylphthalate	ug/kg	ND	1870	1940	1540	1530	82	79	41-118	0	31	
Di-n-octylphthalate	ug/kg	ND	1870	1940	1590	1620	85	83	40-138	2	29	
Dibenz(a,h)anthracene	ug/kg	ND	1870	1940	1460	1480	78	76	23-122	1	35	
Dibenzofuran	ug/kg	ND	1870	1940	1480	1490	79	76	49-101	1	28	
Diethylphthalate	ug/kg	ND	1870	1940	1520	1490	81	77	42-107	2	31	
Dimethylphthalate	ug/kg	ND	1870	1940	1510	1490	81	77	37-108	1	30	
Fluoranthene	ug/kg	ND	1870	1940	1480	1490	79	76	10-139	1	32	
Fluorene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	0	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1870	1940	1460	1480	78	76	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	1870	1940	1460	1460	78	75	46-105	0	31	
Hexachlorocyclopentadiene	ug/kg	ND	1870	1940	1080	1150	58	59	10-111	6	61	
Hexachloroethane	ug/kg	ND	1870	1940	1380	1420	74	73	11-119	2	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1870	1940	1470	1460	79	75	21-120	1	38	
Isophorone	ug/kg	ND	1870	1940	1480	1490	79	76	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1870	1940	1420	1450	76	74	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	1870	1940	1490	1510	80	77	41-108	1	36	
Naphthalene	ug/kg	ND	1870	1940	1460	1480	78	76	40-105	1	31	
Nitrobenzene	ug/kg	ND	1870	1940	1490	1500	80	77	35-106	1	29	
Pentachlorophenol	ug/kg	ND	1870	1940	1640J	1480J	88	76	10-144		35	
Phenanthrene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	1	29	
Phenol	ug/kg	ND	1870	1940	1470	1460	79	75	38-102	1	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1570	1520	84	78	10-147	3	38	
Pyridine	ug/kg	ND	1870	1940	895	812	48	42	10-79	10	35	
2,4,6-Tribromophenol (S)	%						78	72	41-108			
2-Fluorobiphenyl (S)	%						80	76	39-136			
2-Fluorophenol (S)	%						72	68	43-96			
Nitrobenzene-d5 (S)	%						80	74	33-132			
Phenol-d6 (S)	%						72	68	43-95			
Terphenyl-d14 (S)	%						84	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679229
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005

METHOD BLANK: 2746726 Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.1	09/30/20 18:21	
TPH-ORO	mg/kg	ND	14.1	09/30/20 18:21	
2-Fluorobiphenyl (S)	%	72	39-136	09/30/20 18:21	
Nitrobenzene-d5 (S)	%	71	33-132	09/30/20 18:21	
Terphenyl-d14 (S)	%	69	29-131	09/30/20 18:21	

LABORATORY CONTROL SAMPLE: 2746727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	330	292	88	39-122	
2-Fluorobiphenyl (S)	%			78	39-136	
Nitrobenzene-d5 (S)	%			79	33-132	
Terphenyl-d14 (S)	%			76	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746728 2746729

Parameter	Units	60349495001 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	1550	401	403	1650	3050	25	374	12-137	60	38	M1,R1
2-Fluorobiphenyl (S)	%						71	71	39-136			
Nitrobenzene-d5 (S)	%						84	92	33-132			
Terphenyl-d14 (S)	%						64	62	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 680484
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231006

METHOD BLANK: 2750821
Matrix: Solid
Associated Lab Samples: 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.8	10/05/20 09:54	
TPH-ORO	mg/kg	ND	14.8	10/05/20 09:54	
2-Fluorobiphenyl (S)	%	93	39-136	10/05/20 09:54	
Nitrobenzene-d5 (S)	%	82	33-132	10/05/20 09:54	
Terphenyl-d14 (S)	%	103	29-131	10/05/20 09:54	

LABORATORY CONTROL SAMPLE: 2750822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	313	268	86	39-122	
2-Fluorobiphenyl (S)	%			94	39-136	
Nitrobenzene-d5 (S)	%			88	33-132	
Terphenyl-d14 (S)	%			103	29-131	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678835
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2744639
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/28/20 21:15	
TPH-ORO	mg/L	ND	1.0	09/28/20 21:15	
2-Fluorobiphenyl (S)	%	50	29-108	09/28/20 21:15	
Nitrobenzene-d5 (S)	%	49	27-106	09/28/20 21:15	
Terphenyl-d14 (S)	%	43	34-129	09/28/20 21:15	

LABORATORY CONTROL SAMPLE: 2744640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	43.2	43	33-130	
2-Fluorobiphenyl (S)	%			49	29-108	
Nitrobenzene-d5 (S)	%			47	27-106	
Terphenyl-d14 (S)	%			46	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

QC Batch: 679482
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231003

METHOD BLANK: 2747387
Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dimethylphenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dinitrophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2-Chloronaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Chlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2-Methylnaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/30/20 11:37	
2-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
2-Nitrophenol	ug/L	ND	10.0	09/30/20 11:37	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/30/20 11:37	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/30/20 11:37	
3-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/30/20 11:37	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/30/20 11:37	
4-Chloroaniline	ug/L	ND	20.0	09/30/20 11:37	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4-Nitrophenol	ug/L	ND	50.0	09/30/20 11:37	
Acenaphthene	ug/L	ND	10.0	09/30/20 11:37	
Acenaphthylene	ug/L	ND	10.0	09/30/20 11:37	
Anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzoic Acid	ug/L	ND	50.0	09/30/20 11:37	
Benzyl alcohol	ug/L	ND	20.0	09/30/20 11:37	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/30/20 11:37	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

METHOD BLANK: 2747387 Matrix: Water
Associated Lab Samples: 60349231003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/30/20 11:37	
Butylbenzylphthalate	ug/L	ND	20.0	09/30/20 11:37	
Carbazole	ug/L	ND	10.0	09/30/20 11:37	
Chrysene	ug/L	ND	10.0	09/30/20 11:37	
Di-n-butylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Di-n-octylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Dibenzofuran	ug/L	ND	10.0	09/30/20 11:37	
Diethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dimethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Fluorene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloroethane	ug/L	ND	10.0	09/30/20 11:37	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Isophorone	ug/L	ND	10.0	09/30/20 11:37	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/30/20 11:37	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/30/20 11:37	
Naphthalene	ug/L	ND	10.0	09/30/20 11:37	
Nitrobenzene	ug/L	ND	10.0	09/30/20 11:37	
Pentachlorophenol	ug/L	ND	50.0	09/30/20 11:37	
Phenanthrene	ug/L	ND	10.0	09/30/20 11:37	
Phenol	ug/L	ND	10.0	09/30/20 11:37	
Pyrene	ug/L	ND	10.0	09/30/20 11:37	
Pyridine	ug/L	ND	10.0	09/30/20 11:37	
2,4,6-Tribromophenol (S)	%	73	16-114	09/30/20 11:37	
2-Fluorobiphenyl (S)	%	68	29-108	09/30/20 11:37	
2-Fluorophenol (S)	%	44	11-64	09/30/20 11:37	
Nitrobenzene-d5 (S)	%	72	27-106	09/30/20 11:37	
Phenol-d6 (S)	%	29	10-44	09/30/20 11:37	
Terphenyl-d14 (S)	%	89	34-129	09/30/20 11:37	

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	25.6	51	22-109	
1,2-Dichlorobenzene	ug/L	50	27.2	54	18-107	
1,3-Dichlorobenzene	ug/L	50	25.9	52	16-105	
1,4-Dichlorobenzene	ug/L	50	26.7	53	17-105	
2,4,5-Trichlorophenol	ug/L	50	37.9J	76	25-126	
2,4,6-Trichlorophenol	ug/L	50	36.7	73	23-124	
2,4-Dichlorophenol	ug/L	50	36.5	73	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	38.0	76	36-98	
2,4-Dinitrophenol	ug/L	50	37.1J	74	11-138	
2,4-Dinitrotoluene	ug/L	50	40.2	80	30-127	
2,6-Dinitrotoluene	ug/L	50	38.8	78	30-125	
2-Chloronaphthalene	ug/L	50	29.6	59	28-115	
2-Chlorophenol	ug/L	50	35.0	70	25-107	
2-Methylnaphthalene	ug/L	50	30.3	61	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	33.2	66	30-94	
2-Nitroaniline	ug/L	50	38.8J	78	29-126	
2-Nitrophenol	ug/L	50	35.3	71	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.5	61	26-89	
3,3'-Dichlorobenzidine	ug/L	50	44.5	89	24-140	
3-Nitroaniline	ug/L	50	38.8J	78	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35.3J	71	21-135	
4-Bromophenylphenyl ether	ug/L	50	36.8	74	30-121	
4-Chloro-3-methylphenol	ug/L	50	39.1	78	28-117	
4-Chloroaniline	ug/L	50	36.4	73	22-136	
4-Chlorophenylphenyl ether	ug/L	50	35.9	72	30-119	
4-Nitroaniline	ug/L	50	40.6J	81	31-129	
4-Nitrophenol	ug/L	50	18J	36	10-64	
Acenaphthene	ug/L	50	34.4	69	29-117	
Acenaphthylene	ug/L	50	35.4	71	27-119	
Anthracene	ug/L	50	39.2	78	27-124	
Benzo(a)anthracene	ug/L	50	44.0	88	30-124	
Benzo(a)pyrene	ug/L	50	42.3	85	29-123	
Benzo(b)fluoranthene	ug/L	50	44.8	90	29-127	
Benzo(g,h,i)perylene	ug/L	50	43.6	87	30-124	
Benzo(k)fluoranthene	ug/L	50	40.7	81	29-125	
Benzoic Acid	ug/L	50	19.1J	38	10-71	
Benzyl alcohol	ug/L	50	38.2	76	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.6	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	36.6	73	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	36.3	73	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.7	95	35-128	
Butylbenzylphthalate	ug/L	50	48.5	97	28-114	
Carbazole	ug/L	50	41.1	82	31-124	
Chrysene	ug/L	50	43.6	87	31-124	
Di-n-butylphthalate	ug/L	50	45.4	91	29-130	
Di-n-octylphthalate	ug/L	50	49.5	99	27-135	
Dibenz(a,h)anthracene	ug/L	50	43.3	87	30-125	
Dibenzofuran	ug/L	50	34.1	68	30-118	
Diethylphthalate	ug/L	50	39.9	80	30-123	
Dimethylphthalate	ug/L	50	39.0	78	29-121	
Fluoranthene	ug/L	50	41.4	83	31-126	
Fluorene	ug/L	50	36.6	73	30-120	
Hexachloro-1,3-butadiene	ug/L	50	24.4	49	14-107	
Hexachlorobenzene	ug/L	50	36.6	73	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: PINE LAWN
Pace Project No.: 60349231

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	20.1	40	10-56	
Hexachloroethane	ug/L	50	25.0	50	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	43.3	87	29-124	
Isophorone	ug/L	50	38.9	78	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	39.6	79	28-117	
N-Nitrosodiphenylamine	ug/L	50	39.1	78	30-122	
Naphthalene	ug/L	50	30.5	61	25-111	
Nitrobenzene	ug/L	50	35.0	70	28-116	
Pentachlorophenol	ug/L	50	41.8J	84	17-134	
Phenanthrene	ug/L	50	38.4	77	30-121	
Phenol	ug/L	50	15.2	30	10-58	
Pyrene	ug/L	50	41.8	84	31-124	
Pyridine	ug/L	50	15.4	31	10-73	
2,4,6-Tribromophenol (S)	%			80	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			42	11-64	
Nitrobenzene-d5 (S)	%			71	27-106	
Phenol-d6 (S)	%			29	10-44	
Terphenyl-d14 (S)	%			87	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: PINE LAWN
Pace Project No.: 60349231

QC Batch: 678754
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

METHOD BLANK: 2744412
Matrix: Solid
Associated Lab Samples: 60349231001, 60349231002, 60349231005, 60349231006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/24/20 15:45	

SAMPLE DUPLICATE: 2744413

Parameter	Units	60349206002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	17.9	0	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: PINE LAWN
Pace Project No.: 60349231

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: 678959

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

ANALYTE QUALIFIERS

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.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349231

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349231001	**DPT-7-SO-(2-3)**	EPA 3546	679537	EPA 8082	680254
60349231002	**DPT-7-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349231005	**DPT-8-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 3546	679537	EPA 8082	680254
60349231003	**PINE LAWN-RB**	EPA 3510	680394	EPA 8082	680549
60349231001	**DPT-7-SO-(2-3)**	EPA 3050	680399	EPA 6010	680674
60349231002	**DPT-7-SO-(29-30)**	EPA 3050	680399	EPA 6010	680674
60349231005	**DPT-8-SO-(29-30)**	EPA 3050	680399	EPA 6010	680674
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 3050	680399	EPA 6010	680674
60349231003	**PINE LAWN-RB**	EPA 3010	680313	EPA 6010	680440
60349231003	**PINE LAWN-RB**	EPA 3010	680316	EPA 6010	680441
60349231003	**PINE LAWN-RB**	EPA 7470	679620	EPA 7470	679743
60349231003	**PINE LAWN-RB**	EPA 7470	679617	EPA 7470	679742
60349231001	**DPT-7-SO-(2-3)**	EPA 7471	679970	EPA 7471	680181
60349231002	**DPT-7-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349231005	**DPT-8-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 7471	679970	EPA 7471	680181
60349231001	**DPT-7-SO-(2-3)**	EPA 3546	679538	EPA 8270	679906
60349231002	**DPT-7-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349231005	**DPT-8-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 3546	679538	EPA 8270	679906
60349231001	**DPT-7-SO-(2-3)**	EPA 3546	679229	EPA 8270	680097
60349231002	**DPT-7-SO-(29-30)**	EPA 3546	679229	EPA 8270	680097
60349231005	**DPT-8-SO-(29-30)**	EPA 3546	679229	EPA 8270	680097
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 3546	680484	EPA 8270	680699
60349231003	**PINE LAWN-RB**	EPA 3510C	678835	EPA 8270	679489
60349231003	**PINE LAWN-RB**	EPA 3510	679482	EPA 8270	679841
60349231001	**DPT-7-SO-(2-3)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349231002	**DPT-7-SO-(29-30)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349231004	**PINE LAWN-SO-TB3**	EPA 5035A/5030	678876	EPA 8260B	678909
60349231005	**DPT-8-SO-(29-30)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 5035A/5030	678876	EPA 8260B	678909
60349231003	**PINE LAWN-RB**	EPA 5030B/8260	678965		
60349231003	**PINE LAWN-RB**	EPA 8260	678959		
60349231001	**DPT-7-SO-(2-3)**	EPA 5035	678887	EPA 8260	678910
60349231002	**DPT-7-SO-(29-30)**	EPA 5035	678887	EPA 8260	678910
60349231005	**DPT-8-SO-(29-30)**	EPA 5035	678887	EPA 8260	678910
60349231006	**DPT-8-SO-(29-30)-FD**	EPA 5035	678887	EPA 8260	678910
60349231001	**DPT-7-SO-(2-3)**	ASTM D2974	678754		
60349231002	**DPT-7-SO-(29-30)**	ASTM D2974	678754		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349231

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349231005	**DPT-8-SO-(29-30)**	ASTM D2974	678754		
60349231006	**DPT-8-SO-(29-30)-FD**	ASTM D2974	678754		

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Sample Condition Upon Receipt

WO# : 60349231

60349231

Client Name: TetraTech

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: T296 **Type of Ice:** Wet ☒ Blue None

Cooler Temperature (°C): **As-read** 3.6 **Corr. Factor** -0.4 **Corrected** 3.2

Date and initials of person examining contents: 9/23/20 HP

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? 9/23/20 HP	☒Yes ☒No ☐N/A	
Sample labels match COC: Date / time / ID / analyses	☒Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL/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# 403173	☒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	Received 2 unp. soil trips
Headspace in VOA vials (>6mm):	☐Yes ☒No ☐N/A	
Samples from USDA Regulated Area: State: MO	☐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.

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:	Pine Lawn
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: MO

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 Sodium Phosphate Solution	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-7-SO-(2-3)	SL	G	09/22/20	1215				7	4						1	2		X	X	X	X	X	X			60349231
2	DPT-7-SO-(29-30)	SL	G	09/22/20	1255				7	4						1	2		X	X	X	X	X	X			
3	Pine Lawn-RB	WT	G	09/22/20	1330				13	~~3~~ 6	2	2	5						X	X	X	X	X	X	X		
4	Pine Lawn-SO-TB3	WT	G	09/22/20	1343				2				2										X				
5	DPT-8-SO-(29-30)	SL	G	09/22/20	1447				7	4						1	2		X	X	X	X	X	X			
6	DPT-8-SO-(29-30)-FD	SL	G	09/22/20	1447				7	4						1	2		X	X	X	X	X	X			
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/22/20	1531	Harry Fowler / PDXI	9/23/20	0459	3.2	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: Thomas Kaley & Stephanie Caples
SIGNATURE of SAMPLER: Tom Kaley
DATE Signed (MM/DD/YY): 09/22/20

*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: PINE LAWN
Pace Project No.: 60349234

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349234

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: PINE LAWN
Pace Project No.: 60349234

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349234001	**DPT-6-SO-(15-16)**	Solid	09/22/20 09:25	09/23/20 04:59
60349234002	**DPT-5-GW-(15-20)**	Water	09/22/20 09:30	09/23/20 04:59
60349234003	**DPT-6-GW-(15-20)**	Water	09/22/20 10:11	09/23/20 04:59
60349234004	**DPT-2-GW-(24-29)**	Water	09/22/20 11:02	09/23/20 04:59
60349234005	**PINE LAWN-FB2**	Water	09/22/20 13:05	09/23/20 04:59
60349234006	**PINE LAWN-GW-TB2**	Water	09/22/20 13:22	09/23/20 04:59

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349234

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349234001	**DPT-6-SO-(15-16)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349234002	**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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349234003	**DPT-6-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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349234004	**DPT-2-GW-(24-29)**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349234005	**PINE LAWN-FB2**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	JLH	7	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349234

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	JLH	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349234006	**PINE LAWN-GW-TB2**	EPA 5030B/8260	EAG	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-SO-(15-16) **Lab ID: 60349234001** Collected: 09/22/20 09:25 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	41.9	1	09/29/20 15:19	10/01/20 22:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	41.9	1	09/29/20 15:19	10/01/20 22:44	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	88	%	28-143	1	09/29/20 15:19	10/01/20 22:44	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	10/02/20 10:03	10/05/20 14:12	7440-38-2	
Barium	**123**	mg/kg	0.61	1	10/02/20 10:03	10/05/20 14:12	7440-39-3	
Cadmium	ND	mg/kg	0.61	1	10/02/20 10:03	10/05/20 14:12	7440-43-9	
Chromium	**33.7**	mg/kg	0.61	1	10/02/20 10:03	10/05/20 14:12	7440-47-3	
Lead	**11.1**	mg/kg	1.2	1	10/02/20 10:03	10/05/20 14:12	7439-92-1	
Selenium	ND	mg/kg	1.8	1	10/02/20 10:03	10/05/20 14:12	7782-49-2	
Silver	ND	mg/kg	0.85	1	10/02/20 10:03	10/05/20 14:12	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	09/30/20 18:07	10/01/20 13:00	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	83-32-9	
Acenaphthylene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	208-96-8	
Anthracene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	120-12-7	
Benzo(a)anthracene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	56-55-3	
Benzo(a)pyrene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	207-08-9	
Benzoic Acid	ND	ug/kg	2150	1	09/29/20 13:22	09/30/20 19:14	65-85-0	L1
Benzyl alcohol	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	85-68-7	
Carbazole	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	59-50-7	
4-Chloroaniline	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	108-60-1	
2-Chloronaphthalene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-SO-(15-16) **Lab ID: 60349234001** Collected: 09/22/20 09:25 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	425	1	09/29/20 13:22	09/30/20 19:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	7005-72-3	
Chrysene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	53-70-3	
Dibenzofuran	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	120-83-2	
Diethylphthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	105-67-9	
Dimethylphthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2150	1	09/29/20 13:22	09/30/20 19:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2150	1	09/29/20 13:22	09/30/20 19:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	117-81-7	
Fluoranthene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	206-44-0	
Fluorene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	87-68-3	
Hexachlorobenzene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	77-47-4	
Hexachloroethane	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	193-39-5	
Isophorone	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	78-59-1	
2-Methylnaphthalene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	15831-10-4	
Naphthalene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	91-20-3	
2-Nitroaniline	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	88-74-4	
3-Nitroaniline	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	99-09-2	
4-Nitroaniline	ND	ug/kg	849	1	09/29/20 13:22	09/30/20 19:14	100-01-6	
Nitrobenzene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	98-95-3	
2-Nitrophenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	88-75-5	
4-Nitrophenol	ND	ug/kg	2150	1	09/29/20 13:22	09/30/20 19:14	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	86-30-6	
Pentachlorophenol	ND	ug/kg	2150	1	09/29/20 13:22	09/30/20 19:14	87-86-5	
Phenanthrene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	85-01-8	
Phenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	108-95-2	
Pyrene	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	129-00-0	
Pyridine	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-SO-(15-16) **Lab ID: 60349234001** Collected: 09/22/20 09:25 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	425	1	09/29/20 13:22	09/30/20 19:14	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	425	1	09/29/20 13:22	09/30/20 19:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%	33-132	1	09/29/20 13:22	09/30/20 19:14	4165-60-0	
2-Fluorobiphenyl (S)	65	%	39-136	1	09/29/20 13:22	09/30/20 19:14	321-60-8	
Terphenyl-d14 (S)	70	%	29-131	1	09/29/20 13:22	09/30/20 19:14	1718-51-0	
Phenol-d6 (S)	65	%	43-95	1	09/29/20 13:22	09/30/20 19:14	13127-88-3	
2-Fluorophenol (S)	65	%	43-96	1	09/29/20 13:22	09/30/20 19:14	367-12-4	
2,4,6-Tribromophenol (S)	65	%	41-108	1	09/29/20 13:22	09/30/20 19:14	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	37.0	1	09/28/20 12:36	10/01/20 21:35		
TPH-DRO	ND	mg/kg	37.0	1	09/28/20 12:36	10/01/20 21:35		
Surrogates								
Nitrobenzene-d5 (S)	74	%	33-132	1	09/28/20 12:36	10/01/20 21:35	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/28/20 12:36	10/01/20 21:35	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/28/20 12:36	10/01/20 21:35	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	19.1	1	09/24/20 16:10	09/25/20 00:32	67-64-1	
Benzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-27-4	
Bromoform	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-25-2	
Bromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.6	1	09/24/20 16:10	09/25/20 00:32	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	23.9	1	09/24/20 16:10	09/25/20 00:32	98-06-6	
Carbon disulfide	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	108-90-7	
Chloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-00-3	
Chloroform	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	67-66-3	
Chloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.6	1	09/24/20 16:10	09/25/20 00:32	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-SO-(15-16) **Lab ID: 60349234001** Collected: 09/22/20 09:25 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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	4.8	1	09/24/20 16:10	09/25/20 00:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	87-68-3	
2-Hexanone	ND	ug/kg	19.1	1	09/24/20 16:10	09/25/20 00:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1	09/24/20 16:10	09/25/20 00:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	1634-04-4	
Naphthalene	ND	ug/kg	9.6	1	09/24/20 16:10	09/25/20 00:32	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	103-65-1	
Styrene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	127-18-4	
Toluene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	75-01-4	
Xylene (Total)	ND	ug/kg	4.8	1	09/24/20 16:10	09/25/20 00:32	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/24/20 16:10	09/25/20 00:32	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	09/24/20 16:10	09/25/20 00:32	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-SO-(15-16) **Lab ID: 60349234001** Collected: 09/22/20 09:25 Received: 09/23/20 04:59 Matrix: Solid

Results reported on a "dry 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)	101	%	78-118	1	09/24/20 16:10	09/25/20 00:32	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	0.48	1	09/24/20 16:10	09/25/20 00:32		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/24/20 16:10	09/25/20 00:32	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	09/24/20 16:10	09/25/20 00:32	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	80-123	1	09/24/20 16:10	09/25/20 00:32	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**22.4**	%	0.50	1		09/24/20 15:46		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-5-GW-(15-20) **Lab ID: 60349234002** Collected: 09/22/20 09:30 Received: 09/23/20 04:59 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	10/02/20 13:17	10/02/20 15:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	30-136	1	10/02/20 13:17	10/02/20 15:08	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**74.4**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:17	7440-38-2	
Barium	**2200**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:17	7440-39-3	
Cadmium	**5.4**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:17	7440-43-9	
Chromium	**182**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:17	7440-47-3	
Lead	**438**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:17	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 17:18	10/05/20 12:20	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 16:17	7440-22-4	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic, Dissolved	**12.9**	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:48	7440-38-2	
Barium, Dissolved	**213**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:48	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:48	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:48	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:48	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:48	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**0.61**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:03	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	09/29/20 14:13	10/01/20 10:08	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	1.0	1	09/24/20 21:47	10/05/20 10:54		
TPH-DRO	ND	mg/L	1.0	1	09/24/20 21:47	10/05/20 10:54		
Surrogates								
Nitrobenzene-d5 (S)	66	%	27-106	1	09/24/20 21:47	10/05/20 10:54	4165-60-0	
2-Fluorobiphenyl (S)	69	%	29-108	1	09/24/20 21:47	10/05/20 10:54	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-5-GW-(15-20) **Lab ID: 60349234002** Collected: 09/22/20 09:30 Received: 09/23/20 04:59 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)	92	%	34-129	1	09/24/20 21:47	10/05/20 10:54	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	09/28/20 22:11	09/30/20 10:28	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:28	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-5-GW-(15-20) **Lab ID: 60349234002** Collected: 09/22/20 09:30 Received: 09/23/20 04:59 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	09/28/20 22:11	09/30/20 10:28	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	101	%	27-106	1	09/28/20 22:11	09/30/20 10:28	4165-60-0	
2-Fluorobiphenyl (S)	100	%	29-108	1	09/28/20 22:11	09/30/20 10:28	321-60-8	
Terphenyl-d14 (S)	143	%	34-129	1	09/28/20 22:11	09/30/20 10:28	1718-51-0	S3
Phenol-d6 (S)	42	%	10-44	1	09/28/20 22:11	09/30/20 10:28	13127-88-3	
2-Fluorophenol (S)	63	%	11-64	1	09/28/20 22:11	09/30/20 10:28	367-12-4	
2,4,6-Tribromophenol (S)	109	%	16-114	1	09/28/20 22:11	09/30/20 10:28	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 14:47	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 14:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 14:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 14:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 14:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 14:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 14:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 14:47	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-5-GW-(15-20) **Lab ID: 60349234002** Collected: 09/22/20 09:30 Received: 09/23/20 04:59 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		09/25/20 14:47	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 14:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 14:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 14:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 14:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 14:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 14:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 14:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 14:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 14:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 14:47	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 14:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 14:47	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 14:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 14:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 14:47	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 14:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 14:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 14:47	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 14:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 14:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 14:47	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 14:47	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 14:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 14:47	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 14:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 14:47	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-5-GW-(15-20) **Lab ID: 60349234002** Collected: 09/22/20 09:30 Received: 09/23/20 04:59 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		09/25/20 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 14:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 14:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 14:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 14:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 14:47	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 14:47	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 14:47	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		09/25/20 14:47	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 14:47		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 14:47		
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		09/25/20 14:47	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 14:47	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 14:47	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 14:47		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-GW-(15-20) **Lab ID: 60349234003** Collected: 09/22/20 10:11 Received: 09/23/20 04:59 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	10/02/20 13:17	10/02/20 15:15	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:15	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	30-136	1	10/02/20 13:17	10/02/20 15:15	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**32.7**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:20	7440-38-2	
Barium	**490**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:20	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:20	7440-43-9	
Chromium	**52.5**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:20	7440-47-3	
Lead	**91.1**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:20	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 16:20	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 16:20	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 15:50	7440-38-2	
Barium, Dissolved	**267**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:50	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:50	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:50	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:50	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:50	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:06	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	09/29/20 14:13	10/01/20 10:11	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	1.0	1	09/24/20 21:47	10/05/20 11:14		
TPH-DRO	ND	mg/L	1.0	1	09/24/20 21:47	10/05/20 11:14		
Surrogates								
Nitrobenzene-d5 (S)	63	%	27-106	1	09/24/20 21:47	10/05/20 11:14	4165-60-0	
2-Fluorobiphenyl (S)	64	%	29-108	1	09/24/20 21:47	10/05/20 11:14	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-GW-(15-20) **Lab ID: 60349234003** Collected: 09/22/20 10:11 Received: 09/23/20 04:59 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)	85	%	34-129	1	09/24/20 21:47	10/05/20 11:14	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	09/28/20 22:11	09/30/20 10:51	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 10:51	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-GW-(15-20) **Lab ID: 60349234003** Collected: 09/22/20 10:11 Received: 09/23/20 04:59 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	09/28/20 22:11	09/30/20 10:51	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 10:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 10:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	94	%	27-106	1	09/28/20 22:11	09/30/20 10:51	4165-60-0	
2-Fluorobiphenyl (S)	90	%	29-108	1	09/28/20 22:11	09/30/20 10:51	321-60-8	
Terphenyl-d14 (S)	136	%	34-129	1	09/28/20 22:11	09/30/20 10:51	1718-51-0	S3
Phenol-d6 (S)	47	%	10-44	1	09/28/20 22:11	09/30/20 10:51	13127-88-3	S3
2-Fluorophenol (S)	67	%	11-64	1	09/28/20 22:11	09/30/20 10:51	367-12-4	S3
2,4,6-Tribromophenol (S)	103	%	16-114	1	09/28/20 22:11	09/30/20 10:51	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 15:03	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 15:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 15:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 15:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 15:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 15:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 15:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 15:03	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-GW-(15-20) **Lab ID: 60349234003** Collected: 09/22/20 10:11 Received: 09/23/20 04:59 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		09/25/20 15:03	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 15:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 15:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 15:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 15:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 15:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 15:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 15:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 15:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 15:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 15:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 15:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 15:03	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 15:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 15:03	107-06-2	
1,2-Dichloroethene (Total)	**2.5**	ug/L	1.0	1		09/25/20 15:03	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 15:03	75-35-4	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	1		09/25/20 15:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 15:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 15:03	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 15:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 15:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 15:03	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 15:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 15:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 15:03	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 15:03	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 15:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 15:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 15:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 15:03	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 15:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:03	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-6-GW-(15-20) **Lab ID: 60349234003** Collected: 09/22/20 10:11 Received: 09/23/20 04:59 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		09/25/20 15:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 15:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 15:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 15:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 15:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 15:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 15:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 15:03	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	97	%	80-120	1		09/25/20 15:03	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 15:03	17060-07-0	
Toluene-d8 (S)	96	%	80-120	1		09/25/20 15:03	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 15:03		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 15:03		
Surrogates								
Toluene-d8 (S)	96	%	80-120	1		09/25/20 15:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		09/25/20 15:03	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 15:03	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 15:03		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-2-GW-(24-29) **Lab ID: 60349234004** Collected: 09/22/20 11:02 Received: 09/23/20 04:59 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	10/02/20 13:17	10/02/20 15:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:23	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	83	%	30-136	1	10/02/20 13:17	10/02/20 15:23	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**64.2**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:22	7440-38-2	
Barium	**1350**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:22	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:22	7440-43-9	
Chromium	**149**	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:22	7440-47-3	
Lead	**324**	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:22	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 17:18	10/05/20 12:25	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 16:22	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 15:53	7440-38-2	
Barium, Dissolved	**305**	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:53	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:53	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:53	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:53	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:53	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:53	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:08	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	09/29/20 14:13	10/01/20 10:13	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	1.1	1	09/24/20 21:47	10/05/20 11:33		
TPH-DRO	ND	mg/L	1.1	1	09/24/20 21:47	10/05/20 11:33		
Surrogates								
Nitrobenzene-d5 (S)	69	%	27-106	1	09/24/20 21:47	10/05/20 11:33	4165-60-0	
2-Fluorobiphenyl (S)	72	%	29-108	1	09/24/20 21:47	10/05/20 11:33	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-2-GW-(24-29) **Lab ID: 60349234004** Collected: 09/22/20 11:02 Received: 09/23/20 04:59 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)	94	%	34-129	1	09/24/20 21:47	10/05/20 11:33	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	09/28/20 22:11	09/30/20 11:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 11:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-2-GW-(24-29) **Lab ID: 60349234004** Collected: 09/22/20 11:02 Received: 09/23/20 04:59 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	09/28/20 22:11	09/30/20 11:14	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 11:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 11:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98	%	27-106	1	09/28/20 22:11	09/30/20 11:14	4165-60-0	
2-Fluorobiphenyl (S)	86	%	29-108	1	09/28/20 22:11	09/30/20 11:14	321-60-8	
Terphenyl-d14 (S)	141	%	34-129	1	09/28/20 22:11	09/30/20 11:14	1718-51-0	S3
Phenol-d6 (S)	52	%	10-44	1	09/28/20 22:11	09/30/20 11:14	13127-88-3	S3
2-Fluorophenol (S)	67	%	11-64	1	09/28/20 22:11	09/30/20 11:14	367-12-4	S3
2,4,6-Tribromophenol (S)	101	%	16-114	1	09/28/20 22:11	09/30/20 11:14	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 15:19	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 15:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 15:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 15:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 15:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 15:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 15:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 15:19	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-2-GW-(24-29) **Lab ID: 60349234004** Collected: 09/22/20 11:02 Received: 09/23/20 04:59 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		09/25/20 15:19	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 15:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 15:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 15:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 15:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 15:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 15:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 15:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 15:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 15:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 15:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 15:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 15:19	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 15:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 15:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 15:19	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 15:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 15:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 15:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 15:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 15:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 15:19	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 15:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 15:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 15:19	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 15:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 15:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 15:19	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 15:19	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 15:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 15:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 15:19	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 15:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 15:19	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: DPT-2-GW-(24-29) **Lab ID: 60349234004** Collected: 09/22/20 11:02 Received: 09/23/20 04:59 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		09/25/20 15:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 15:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 15:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 15:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 15:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 15:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 15:19	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 15:19	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 15:19	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 15:19	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		09/25/20 15:19	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 15:19		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 15:19		
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		09/25/20 15:19	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 15:19	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 15:19	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 15:19		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-FB2 **Lab ID: 60349234005** Collected: 09/22/20 13:05 Received: 09/23/20 04:59 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	10/02/20 13:17	10/02/20 15:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/02/20 15:30	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	30-136	1	10/02/20 13:17	10/02/20 15:30	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:25	7440-38-2	
Barium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:25	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:25	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 16:25	7440-47-3	
Lead	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 16:25	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 16:25	7782-49-2	
Silver	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 16:25	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 15:55	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:55	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:55	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/01/20 17:18	10/02/20 15:55	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/01/20 17:18	10/02/20 15:55	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/01/20 17:18	10/02/20 15:55	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/01/20 17:18	10/02/20 15:55	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:10	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	09/29/20 14:13	10/01/20 10:20	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	1.1	1	09/24/20 21:47	10/05/20 11:53		
TPH-DRO	ND	mg/L	1.1	1	09/24/20 21:47	10/05/20 11:53		
Surrogates								
Nitrobenzene-d5 (S)	68	%	27-106	1	09/24/20 21:47	10/05/20 11:53	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-108	1	09/24/20 21:47	10/05/20 11:53	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-FB2 **Lab ID: 60349234005** Collected: 09/22/20 13:05 Received: 09/23/20 04:59 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	09/24/20 21:47	10/05/20 11:53	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	09/28/20 22:11	09/30/20 12:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 12:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-FB2 **Lab ID: 60349234005** Collected: 09/22/20 13:05 Received: 09/23/20 04:59 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	09/28/20 22:11	09/30/20 12:22	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 12:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 12:22	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	27-106	1	09/28/20 22:11	09/30/20 12:22	4165-60-0	
2-Fluorobiphenyl (S)	67	%	29-108	1	09/28/20 22:11	09/30/20 12:22	321-60-8	
Terphenyl-d14 (S)	86	%	34-129	1	09/28/20 22:11	09/30/20 12:22	1718-51-0	
Phenol-d6 (S)	32	%	10-44	1	09/28/20 22:11	09/30/20 12:22	13127-88-3	
2-Fluorophenol (S)	47	%	11-64	1	09/28/20 22:11	09/30/20 12:22	367-12-4	
2,4,6-Tribromophenol (S)	79	%	16-114	1	09/28/20 22:11	09/30/20 12:22	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 12:39	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 12:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 12:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 12:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 12:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 12:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 12:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 12:39	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-FB2 **Lab ID: 60349234005** Collected: 09/22/20 13:05 Received: 09/23/20 04:59 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		09/25/20 12:39	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 12:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 12:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 12:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 12:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 12:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 12:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 12:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 12:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 12:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 12:39	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 12:39	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 12:39	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 12:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 12:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 12:39	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 12:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 12:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 12:39	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 12:39	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 12:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 12:39	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 12:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:39	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-FB2 **Lab ID: 60349234005** Collected: 09/22/20 13:05 Received: 09/23/20 04:59 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		09/25/20 12:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 12:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 12:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 12:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 12:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 12:39	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		09/25/20 12:39	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/25/20 12:39	17060-07-0	
Toluene-d8 (S)	97	%	80-120	1		09/25/20 12:39	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 12:39		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 12:39		
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		09/25/20 12:39	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-120	1		09/25/20 12:39	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/25/20 12:39	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 12:39		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-GW-TB2 **Lab ID: 60349234006** Collected: 09/22/20 13:22 Received: 09/23/20 04:59 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		09/25/20 12:07	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 12:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 12:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 12:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 12:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 12:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 12:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 12:07	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 12:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 12:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 12:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 12:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 12:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 12:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 12:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 12:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 12:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 12:07	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 12:07	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 12:07	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 12:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 12:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 12:07	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 12:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 12:07	108-10-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349234

Sample: PINE LAWN-GW-TB2 **Lab ID: 60349234006** Collected: 09/22/20 13:22 Received: 09/23/20 04:59 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		09/25/20 12:07	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 12:07	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 12:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 12:07	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 12:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 12:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 12:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 12:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 12:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 12:07	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	1		09/25/20 12:07	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/25/20 12:07	17060-07-0	
Toluene-d8 (S)	97	%	80-120	1		09/25/20 12:07	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 12:07		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679620
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2747878 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/01/20 10:47	

LABORATORY CONTROL SAMPLE: 2747879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747880 2747881

Parameter	Units	60349231003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.3	5.0	106	100	75-125	6	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: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679617
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2747874 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	10/01/20 09:57	

LABORATORY CONTROL SAMPLE: 2747875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747876 2747877

Parameter	Units	60349234004 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	4.7	4.6	94	93	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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234001

METHOD BLANK: 2748882
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 680399
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234001

METHOD BLANK: 2750577
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 13:34	
Barium	mg/kg	ND	0.50	10/05/20 13:34	
Cadmium	mg/kg	ND	0.50	10/05/20 13:34	
Chromium	mg/kg	ND	0.50	10/05/20 13:34	
Lead	mg/kg	ND	1.0	10/05/20 13:34	
Selenium	mg/kg	ND	1.5	10/05/20 13:34	
Silver	mg/kg	ND	0.70	10/05/20 13:34	

LABORATORY CONTROL SAMPLE: 2750578

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	101	101	80-120	
Chromium	mg/kg	100	106	106	80-120	
Lead	mg/kg	100	107	107	80-120	
Selenium	mg/kg	100	99.6	100	80-120	
Silver	mg/kg	50	51.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750579 2750580

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.0	96.8	93.7	93.2	89.5	91	90	75-125	4	20	
Barium	mg/kg	69.8	96.8	93.7	173	168	107	104	75-125	3	20	
Cadmium	mg/kg	ND	96.8	93.7	87.0	83.4	90	89	75-125	4	20	
Chromium	mg/kg	26.8	96.8	93.7	130	125	107	104	75-125	4	20	
Lead	mg/kg	11.2	96.8	93.7	101	97.3	92	92	75-125	3	20	
Selenium	mg/kg	ND	96.8	93.7	82.9	79.7	86	85	75-125	4	20	
Silver	mg/kg	ND	48.4	46.9	46.6	44.5	95	94	75-125	4	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 680313
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2750129
Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/02/20 15:58	
Barium	ug/L	ND	5.0	10/02/20 15:58	
Cadmium	ug/L	ND	5.0	10/02/20 15:58	
Chromium	ug/L	ND	5.0	10/02/20 15:58	
Lead	ug/L	ND	10.0	10/02/20 15:58	
Selenium	ug/L	ND	15.0	10/02/20 15:58	
Silver	ug/L	ND	7.0	10/02/20 15:58	

LABORATORY CONTROL SAMPLE: 2750130

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	979	98	80-120	
Barium	ug/L	1000	936	94	80-120	
Cadmium	ug/L	1000	989	99	80-120	
Chromium	ug/L	1000	970	97	80-120	
Lead	ug/L	1000	1000	100	80-120	
Selenium	ug/L	1000	1020	102	80-120	
Silver	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750131 2750132

Parameter	Units	60349231003 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	962	980	96	98	75-125	2	20	
Barium	ug/L	ND	1000	1000	928	943	93	94	75-125	2	20	
Cadmium	ug/L	ND	1000	1000	974	992	97	99	75-125	2	20	
Chromium	ug/L	ND	1000	1000	961	992	96	99	75-125	3	20	
Lead	ug/L	ND	1000	1000	994	1010	99	101	75-125	1	20	
Selenium	ug/L	ND	1000	1000	999	1020	100	102	75-125	2	20	
Silver	ug/L	ND	500	500	480	487	96	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

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: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2750140 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

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	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678876
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: 60349234001

METHOD BLANK: 2744715
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
1,1-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/24/20 21:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
1,3-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
2,2-Dichloropropane	ug/kg	ND	5.0	09/24/20 21:41	
2-Butanone (MEK)	ug/kg	ND	10.0	09/24/20 21:41	
2-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
2-Hexanone	ug/kg	ND	20.0	09/24/20 21:41	
4-Chlorotoluene	ug/kg	ND	5.0	09/24/20 21:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/24/20 21:41	
Acetone	ug/kg	ND	20.0	09/24/20 21:41	
Benzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Bromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromodichloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Bromoform	ug/kg	ND	5.0	09/24/20 21:41	
Bromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Carbon disulfide	ug/kg	ND	5.0	09/24/20 21:41	
Carbon tetrachloride	ug/kg	ND	5.0	09/24/20 21:41	
Chlorobenzene	ug/kg	ND	5.0	09/24/20 21:41	
Chloroethane	ug/kg	ND	5.0	09/24/20 21:41	
Chloroform	ug/kg	ND	5.0	09/24/20 21:41	
Chloromethane	ug/kg	ND	5.0	09/24/20 21:41	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

METHOD BLANK: 2744715 Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Dibromochloromethane	ug/kg	ND	5.0	09/24/20 21:41	
Dibromomethane	ug/kg	ND	5.0	09/24/20 21:41	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Ethylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/24/20 21:41	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/24/20 21:41	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/24/20 21:41	
Methylene Chloride	ug/kg	ND	5.0	09/24/20 21:41	
n-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
n-Propylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Naphthalene	ug/kg	ND	10.0	09/24/20 21:41	
p-Isopropyltoluene	ug/kg	ND	5.0	09/24/20 21:41	
sec-Butylbenzene	ug/kg	ND	5.0	09/24/20 21:41	
Styrene	ug/kg	ND	5.0	09/24/20 21:41	
tert-Butylbenzene	ug/kg	ND	25.0	09/24/20 21:41	
Tetrachloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Toluene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/24/20 21:41	
Trichloroethene	ug/kg	ND	5.0	09/24/20 21:41	
Trichlorofluoromethane	ug/kg	ND	5.0	09/24/20 21:41	
Vinyl chloride	ug/kg	ND	5.0	09/24/20 21:41	
Xylene (Total)	ug/kg	ND	5.0	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	78-118	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	85-115	09/24/20 21:41	
Toluene-d8 (S)	%	103	80-120	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	109	109	84-125	
1,1,1-Trichloroethane	ug/kg	100	99.3	99	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	102	102	76-121	
1,1,2-Trichloroethane	ug/kg	100	108	108	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	101	101	71-124	
1,1-Dichloropropene	ug/kg	100	87.8	88	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	109	109	81-123	
1,2,3-Trichloropropane	ug/kg	100	107	107	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	107	107	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	102	102	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	103	103	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2744716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	110	110	64-137	
1,2-Dichlorobenzene	ug/kg	100	106	106	83-119	
1,2-Dichloroethane	ug/kg	100	99.4	99	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	207	104	82-117	
1,2-Dichloropropane	ug/kg	100	102	102	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	103	103	81-122	
1,3-Dichlorobenzene	ug/kg	100	104	104	83-119	
1,3-Dichloropropane	ug/kg	100	107	107	83-118	
1,4-Dichlorobenzene	ug/kg	100	98.6	99	83-116	
2,2-Dichloropropane	ug/kg	100	96.6	97	76-124	
2-Butanone (MEK)	ug/kg	500	505	101	63-122	
2-Chlorotoluene	ug/kg	100	101	101	79-119	
2-Hexanone	ug/kg	500	522	104	68-122	
4-Chlorotoluene	ug/kg	100	102	102	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	521	104	63-128	
Acetone	ug/kg	500	466	93	55-124	
Benzene	ug/kg	100	98.3	98	67-126	
Bromobenzene	ug/kg	100	106	106	85-117	
Bromochloromethane	ug/kg	100	110	110	78-122	
Bromodichloromethane	ug/kg	100	107	107	82-120	
Bromoform	ug/kg	100	119	119	77-133	
Bromomethane	ug/kg	100	76.4	76	20-168	
Carbon disulfide	ug/kg	100	113	113	60-133	
Carbon tetrachloride	ug/kg	100	106	106	79-128	
Chlorobenzene	ug/kg	100	105	105	84-118	
Chloroethane	ug/kg	100	86.9	87	53-139	
Chloroform	ug/kg	100	103	103	82-120	
Chloromethane	ug/kg	100	59.4	59	33-143	
cis-1,2-Dichloroethene	ug/kg	100	103	103	83-117	
cis-1,3-Dichloropropene	ug/kg	100	104	104	80-122	
Dibromochloromethane	ug/kg	100	118	118	82-128	
Dibromomethane	ug/kg	100	106	106	82-119	
Dichlorodifluoromethane	ug/kg	100	38.4	38	12-159	
Ethylbenzene	ug/kg	100	100	100	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	105	105	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	100	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	105	105	58-137	
Methylene Chloride	ug/kg	100	97.3	97	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	101	101	82-122	
Naphthalene	ug/kg	100	115	115	60-136	
p-Isopropyltoluene	ug/kg	100	93.5	93	74-129	
sec-Butylbenzene	ug/kg	100	110	110	71-133	
Styrene	ug/kg	100	109	109	84-121	
tert-Butylbenzene	ug/kg	100	101	101	81-122	
Tetrachloroethene	ug/kg	100	107	107	78-130	
Toluene	ug/kg	100	100	100	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2744716

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	111	111	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	100	100	64-133	
Vinyl chloride	ug/kg	100	71.6	72	45-139	
Xylene (Total)	ug/kg	300	305	102	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	102	103	83	84	13-133	1	39	
1,1,1-Trichloroethane	ug/kg	ND	123	123	90.7	93.4	74	76	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	123	123	96.4	94.6	78	77	10-139	2	49	
1,1,2-Trichloroethane	ug/kg	ND	123	123	102	100	83	82	10-145	2	41	
1,1-Dichloroethane	ug/kg	ND	123	123	92.0	94.9	75	77	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	123	123	71.5	75.7	58	62	34-118	6	30	
1,1-Dichloropropene	ug/kg	ND	123	123	88.3	89.9	72	73	29-116	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	123	123	88.7	90.7	72	74	10-115	2	40	
1,2,3-Trichloropropane	ug/kg	ND	123	123	99.2	95.3	81	78	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	123	123	84.9	88.1	69	72	10-115	4	44	
1,2,4-Trimethylbenzene	ug/kg	ND	123	123	91.2	91.9	74	75	10-123	1	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	123	123	91.4	91.4	74	74	10-136	0	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	123	123	104	104	85	84	24-149	1	29	
1,2-Dichlorobenzene	ug/kg	ND	123	123	94.0	94.6	76	77	10-123	1	41	
1,2-Dichloroethane	ug/kg	ND	123	123	89.1	89.3	72	73	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	246	246	174	180	71	73	30-119	3	32	
1,2-Dichloropropane	ug/kg	ND	123	123	92.0	93.8	75	76	13-132	2	33	
1,3,5-Trimethylbenzene	ug/kg	ND	123	123	92.4	93.3	75	76	10-124	1	40	
1,3-Dichlorobenzene	ug/kg	ND	123	123	92.0	92.6	75	75	10-122	1	42	
1,3-Dichloropropane	ug/kg	ND	123	123	100	98.7	81	80	10-135	2	36	
1,4-Dichlorobenzene	ug/kg	ND	123	123	89.7	90.7	73	74	10-120	1	38	
2,2-Dichloropropane	ug/kg	ND	123	123	76.3	79.1	62	64	22-135	4	31	
2-Butanone (MEK)	ug/kg	7.1J	615	614	439	436	70	70	12-127	1	37	
2-Chlorotoluene	ug/kg	ND	123	123	91.3	91.1	74	74	10-126	0	38	
2-Hexanone	ug/kg	ND	615	614	458	451	74	73	10-135	2	37	
4-Chlorotoluene	ug/kg	ND	123	123	90.6	91.1	74	74	10-129	1	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	615	614	454	451	74	74	10-129	1	36	
Acetone	ug/kg	92.5	615	614	448	448	58	58	10-143	0	34	
Benzene	ug/kg	ND	123	123	86.6	88.5	70	72	37-135	2	24	
Bromobenzene	ug/kg	ND	123	123	97.3	97.1	79	79	10-134	0	45	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2744717 2744718

Parameter	Units	60348965007 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	123	123	98.3	98.7	80	80	17-129	0	34	
Bromodichloromethane	ug/kg	ND	123	123	98.8	99.5	80	81	12-130	1	33	
Bromoform	ug/kg	ND	123	123	109	110	89	90	10-135	1	39	
Bromomethane	ug/kg	ND	123	123	45.0	51.4	37	42	10-124	13	41	
Carbon disulfide	ug/kg	ND	123	123	60.0	65.6	49	53	17-116	9	28	
Carbon tetrachloride	ug/kg	ND	123	123	91.7	96.6	75	79	29-127	5	35	
Chlorobenzene	ug/kg	ND	123	123	98.6	99.4	80	81	10-133	1	33	
Chloroethane	ug/kg	ND	123	123	52.5	57.4	43	47	25-116	9	33	
Chloroform	ug/kg	ND	123	123	95.0	96.0	77	78	20-130	1	30	
Chloromethane	ug/kg	ND	123	123	30.0	33.3	24	27	10-113	10	31	
cis-1,2-Dichloroethene	ug/kg	ND	123	123	90.6	92.9	74	76	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	123	123	93.1	94.1	76	77	10-125	1	34	
Dibromochloromethane	ug/kg	ND	123	123	107	108	87	88	10-138	0	38	
Dibromomethane	ug/kg	ND	123	123	102	100	83	82	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	123	123	17.7	21.3	14	17	10-114	19	33	
Ethylbenzene	ug/kg	ND	123	123	97.5	97.7	79	80	31-142	0	25	
Hexachloro-1,3-butadiene	ug/kg	ND	123	123	85.9	86.8	70	71	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	123	123	97.6	98.2	79	80	17-120	1	34	
Methyl-tert-butyl ether	ug/kg	ND	123	123	86.9	88.0	71	72	30-143	1	28	
Methylene Chloride	ug/kg	ND	123	123	79.5	81.8	65	67	24-121	3	33	
n-Butylbenzene	ug/kg	ND	123	123	86.2	88.2	70	72	10-121	2	36	
n-Propylbenzene	ug/kg	ND	123	123	91.8	92.5	75	75	12-125	1	37	
Naphthalene	ug/kg	ND	123	123	98.8	98.4	80	80	10-156	0	34	
p-Isopropyltoluene	ug/kg	ND	123	123	91.8	92.0	75	75	10-119	0	37	
sec-Butylbenzene	ug/kg	ND	123	123	92.8	93.7	75	76	10-127	1	40	
Styrene	ug/kg	ND	123	123	96.4	97.9	78	80	10-124	2	37	
tert-Butylbenzene	ug/kg	ND	123	123	95.1	94.3	77	77	10-126	1	37	
Tetrachloroethene	ug/kg	ND	123	123	100	101	81	82	15-133	1	36	
Toluene	ug/kg	ND	123	123	94.8	95.0	77	77	40-137	0	25	
trans-1,2-Dichloroethene	ug/kg	ND	123	123	83.6	86.7	68	71	22-129	4	34	
trans-1,3-Dichloropropene	ug/kg	ND	123	123	94.6	96.5	77	79	10-130	2	35	
Trichloroethene	ug/kg	ND	123	123	94.7	96.8	77	79	19-135	2	34	
Trichlorofluoromethane	ug/kg	ND	123	123	64.1	70.4	52	57	16-132	9	28	
Vinyl chloride	ug/kg	ND	123	123	38.2	41.9	31	34	14-116	9	28	
Xylene (Total)	ug/kg	ND	370	368	287	290	78	79	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						97	98	78-118			
4-Bromofluorobenzene (S)	%						95	94	85-115			
Toluene-d8 (S)	%						103	102	80-120			

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678965
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: 60349234002, 60349234003, 60349234004, 60349234005, 60349234006

METHOD BLANK: 2745239
Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005, 60349234006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
2,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
2-Butanone (MEK)	ug/L	ND	10.0	09/25/20 11:51	
2-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
2-Hexanone	ug/L	ND	10.0	09/25/20 11:51	
4-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/25/20 11:51	
Acetone	ug/L	ND	10.0	09/25/20 11:51	
Benzene	ug/L	ND	1.0	09/25/20 11:51	
Bromobenzene	ug/L	ND	1.0	09/25/20 11:51	
Bromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromodichloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromoform	ug/L	ND	1.0	09/25/20 11:51	
Bromomethane	ug/L	ND	5.0	09/25/20 11:51	
Carbon disulfide	ug/L	ND	5.0	09/25/20 11:51	
Carbon tetrachloride	ug/L	ND	1.0	09/25/20 11:51	
Chlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
Chloroethane	ug/L	ND	1.0	09/25/20 11:51	
Chloroform	ug/L	ND	1.0	09/25/20 11:51	
Chloromethane	ug/L	ND	1.0	09/25/20 11:51	

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Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

METHOD BLANK: 2745239 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005, 60349234006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Dibromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Dibromomethane	ug/L	ND	1.0	09/25/20 11:51	
Dichlorodifluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Ethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/25/20 11:51	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/25/20 11:51	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/25/20 11:51	
Methylene Chloride	ug/L	ND	1.0	09/25/20 11:51	
n-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
n-Propylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Naphthalene	ug/L	ND	10.0	09/25/20 11:51	
p-Isopropyltoluene	ug/L	ND	1.0	09/25/20 11:51	
sec-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Styrene	ug/L	ND	1.0	09/25/20 11:51	
tert-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Tetrachloroethene	ug/L	ND	1.0	09/25/20 11:51	
Toluene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Trichloroethene	ug/L	ND	1.0	09/25/20 11:51	
Trichlorofluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Vinyl chloride	ug/L	ND	1.0	09/25/20 11:51	
Xylene (Total)	ug/L	ND	3.0	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.2	116	85-118	
1,1,1-Trichloroethane	ug/L	20	19.2	96	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	78-118	
1,1,2-Trichloroethane	ug/L	20	22.9	114	82-117	
1,1-Dichloroethane	ug/L	20	20.2	101	85-120	
1,1-Dichloroethene	ug/L	20	19.6	98	81-124	
1,1-Dichloropropene	ug/L	20	17.8	89	71-119	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	76-120	
1,2,3-Trichloropropane	ug/L	20	21.6	108	78-123	
1,2,4-Trichlorobenzene	ug/L	20	20.6	103	77-117	
1,2,4-Trimethylbenzene	ug/L	20	21.7	109	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	100	68-125	

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Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	22.3	111	83-120	
1,2-Dichlorobenzene	ug/L	20	21.3	106	80-120	
1,2-Dichloroethane	ug/L	20	19.2	96	79-118	
1,2-Dichloroethene (Total)	ug/L	40	41.1	103	84-118	
1,2-Dichloropropane	ug/L	20	20.6	103	85-117	
1,3,5-Trimethylbenzene	ug/L	20	21.3	107	80-118	
1,3-Dichlorobenzene	ug/L	20	21.5	107	80-120	
1,3-Dichloropropane	ug/L	20	22.1	111	85-120	
1,4-Dichlorobenzene	ug/L	20	20.1	101	84-115	
2,2-Dichloropropane	ug/L	20	22.4	112	60-129	
2-Butanone (MEK)	ug/L	100	116	116	70-125	
2-Chlorotoluene	ug/L	20	20.7	103	84-115	
2-Hexanone	ug/L	100	114	114	76-126	
4-Chlorotoluene	ug/L	20	21.2	106	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	117	117	73-131	
Acetone	ug/L	100	114	114	59-135	
Benzene	ug/L	20	20.1	100	82-115	
Bromobenzene	ug/L	20	20.6	103	84-115	
Bromochloromethane	ug/L	20	20.5	103	85-125	
Bromodichloromethane	ug/L	20	21.9	109	82-123	
Bromoform	ug/L	20	23.2	116	66-133	
Bromomethane	ug/L	20	18.0	90	27-179	
Carbon disulfide	ug/L	20	22.9	115	72-134	
Carbon tetrachloride	ug/L	20	20.7	103	80-121	
Chlorobenzene	ug/L	20	21.3	107	80-120	
Chloroethane	ug/L	20	18.2	91	78-145	
Chloroform	ug/L	20	19.8	99	84-116	
Chloromethane	ug/L	20	12.7	64	48-160	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	85-115	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	85-117	
Dibromochloromethane	ug/L	20	22.7	113	82-122	
Dibromomethane	ug/L	20	20.8	104	81-122	
Dichlorodifluoromethane	ug/L	20	9.4	47	50-173	L2,SS
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	22.6	113	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	84-117	
Methyl-tert-butyl ether	ug/L	20	22.1	111	77-126	
Methylene Chloride	ug/L	20	20.2	101	80-126	
n-Butylbenzene	ug/L	20	23.7	118	81-120	
n-Propylbenzene	ug/L	20	20.7	104	80-116	
Naphthalene	ug/L	20	20.1	100	73-126	
p-Isopropyltoluene	ug/L	20	20.1	100	74-121	
sec-Butylbenzene	ug/L	20	23.5	117	75-130	
Styrene	ug/L	20	22.6	113	80-117	
tert-Butylbenzene	ug/L	20	21.1	106	84-116	
Tetrachloroethene	ug/L	20	20.2	101	83-119	
Toluene	ug/L	20	20.6	103	83-115	

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.5	103	80-124	
trans-1,3-Dichloropropene	ug/L	20	22.7	113	83-117	
Trichloroethene	ug/L	20	19.5	97	80-118	
Trichlorofluoromethane	ug/L	20	22.1	110	83-133	
Vinyl chloride	ug/L	20	15.6	78	76-144	
Xylene (Total)	ug/L	60	63.1	105	82-120	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<5.2	20	20	21.3	21.4	106	107	68-125	1	15	
1,1,1-Trichloroethane	ug/L	<3.2	20	20	19.8	19.3	99	97	74-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<7.0	20	20	19.1	19.6	96	98	60-128	3	19	
1,1,2-Trichloroethane	ug/L	<7.0	20	20	21.7	21.8	108	109	66-125	1	28	
1,1-Dichloroethane	ug/L	<2.4	20	20	18.8	19.9	94	99	81-124	6	23	
1,1-Dichloroethene	ug/L	<5.2	20	20	20.3	21.0	101	105	64-141	3	21	
1,1-Dichloropropene	ug/L	<4.5	20	20	18.5	18.7	92	94	43-144	1	21	
1,2,3-Trichlorobenzene	ug/L	<15.5	20	20	17.9	18.4	89	92	56-116	3	31	
1,2,3-Trichloropropane	ug/L	<9.0	20	20	18.8	19.7	94	98	64-124	4	23	
1,2,4-Trichlorobenzene	ug/L	<9.2	20	20	19.6	19.5	98	98	54-118	0	28	
1,2,4-Trimethylbenzene	ug/L	<6.5	20	20	20.6	20.5	103	102	61-133	1	22	
1,2-Dibromo-3-chloropropane	ug/L	<23.8	20	20	18.1	18.8	90	94	56-128	4	33	
1,2-Dibromoethane (EDB)	ug/L	<4.8	20	20	20.1	20.3	100	101	70-122	1	18	
1,2-Dichlorobenzene	ug/L	<6.0	20	20	20.4	20.6	102	103	76-117	1	17	
1,2-Dichloroethane	ug/L	<5.8	20	20	18.8	18.4	94	92	64-135	2	22	
1,2-Dichloroethene (Total)	ug/L	<6.5	40	40	38.2	40.1	96	100	77-122	5	17	
1,2-Dichloropropane	ug/L	<4.0	20	20	20.7	20.7	103	104	73-125	0	19	
1,3,5-Trimethylbenzene	ug/L	<5.2	20	20	21.1	21.4	105	107	60-136	1	21	
1,3-Dichlorobenzene	ug/L	<6.0	20	20	20.6	20.6	103	103	71-121	0	20	
1,3-Dichloropropane	ug/L	<5.5	20	20	20.8	20.6	104	103	73-120	1	16	
1,4-Dichlorobenzene	ug/L	<6.5	20	20	18.4	19.0	74	77	57-125	4	19	
2,2-Dichloropropane	ug/L	<2.8	20	20	19.5	19.2	97	96	32-135	1	19	
2-Butanone (MEK)	ug/L	<60.0	100	100	98.5	99.2	99	99	58-121	1	22	
2-Chlorotoluene	ug/L	<6.0	20	20	19.9	20.3	99	102	66-129	2	19	
2-Hexanone	ug/L	<37.5	100	100	97.1	100	97	100	61-125	3	20	
4-Chlorotoluene	ug/L	<6.2	20	20	20.1	20.6	100	103	65-127	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<35.0	100	100	105	108	105	108	67-125	3	20	
Acetone	ug/L	<118	100	100	101	103	-11	-9	49-113	1	32	M1
Benzene	ug/L	331	20	20	33.0	32.6	-1490	-1490	49-140	1	25	M1
Bromobenzene	ug/L	<5.8	20	20	19.1	19.9	95	99	69-120	4	16	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/L	<4.8	20	20	19.7	19.1	99	95	74-123	3	18	
Bromodichloromethane	ug/L	<3.0	20	20	21.2	21.4	106	107	71-124	1	19	
Bromoform	ug/L	<9.5	20	20	20.7	20.4	103	102	56-113	1	18	
Bromomethane	ug/L	<24.8	20	20	13.5	14.5	68	72	12-165	7	43	
Carbon disulfide	ug/L	<6.0	20	20	23.9	24.1	119	120	66-145	1	18	
Carbon tetrachloride	ug/L	<4.8	20	20	21.6	22.5	108	113	84-130	4	21	
Chlorobenzene	ug/L	1230	20	20	70.5	71.0	-5810	-5800	68-126	1	14	M1
Chloroethane	ug/L	<9.5	20	20	18.5	18.8	92	94	67-145	2	28	
Chloroform	ug/L	<4.2	20	20	19.6	19.5	98	98	72-123	1	17	
Chloromethane	ug/L	<11.0	20	20	12.4	12.3	43	42	31-175	1	34	
cis-1,2-Dichloroethene	ug/L	<3.8	20	20	18.6	20.0	93	100	69-127	7	18	
cis-1,3-Dichloropropene	ug/L	<3.2	20	20	21.3	20.7	106	104	60-124	3	20	
Dibromochloromethane	ug/L	<4.2	20	20	21.6	21.6	108	108	68-123	0	24	
Dibromomethane	ug/L	<4.8	20	20	19.3	19.9	97	100	76-115	3	18	
Dichlorodifluoromethane	ug/L	<12.2	20	20	9.8	9.9	49	49	31-162	1	24	
Ethylbenzene	ug/L	<4.5	20	20	19.1	19.4	95	97	52-140	2	28	
Hexachloro-1,3-butadiene	ug/L	<12.8	20	20	21.6	21.7	108	109	41-132	1	27	
Isopropylbenzene (Cumene)	ug/L	<4.8	20	20	20.5	20.9	102	104	57-138	2	19	
Methyl-tert-butyl ether	ug/L	<2.3	20	20	20.3	20.3	102	102	62-127	0	21	
Methylene Chloride	ug/L	<20.2	20	20	19.2	19.1	96	96	68-125	0	24	
n-Butylbenzene	ug/L	<6.5	20	20	22.6	22.8	113	114	53-141	1	24	
n-Propylbenzene	ug/L	<4.0	20	20	20.5	21.0	102	105	49-149	2	20	
Naphthalene	ug/L	<14.0	20	20	18.9	18.2	95	91	45-141	4	28	
p-Isopropyltoluene	ug/L	<5.8	20	20	19.8	19.4	99	97	45-137	2	22	
sec-Butylbenzene	ug/L	<5.5	20	20	23.4	23.8	117	119	82-136	1	27	
Styrene	ug/L	<4.2	20	20	21.5	21.6	108	108	56-136	0	20	
tert-Butylbenzene	ug/L	<4.5	20	20	21.3	21.7	107	108	64-133	2	20	
Tetrachloroethene	ug/L	<3.8	20	20	20.3	21.0	102	105	59-133	3	28	
Toluene	ug/L	<4.5	20	20	20.0	19.7	83	82	56-137	2	21	
trans-1,2-Dichloroethene	ug/L	<3.8	20	20	19.6	20.0	98	100	70-130	2	24	
trans-1,3-Dichloropropene	ug/L	<4.2	20	20	20.6	21.4	103	107	69-121	4	24	
Trichloroethene	ug/L	<6.2	20	20	19.9	20.3	100	102	68-128	2	23	
Trichlorofluoromethane	ug/L	<6.0	20	20	23.9	23.9	120	119	65-149	0	25	
Vinyl chloride	ug/L	<6.2	20	20	16.3	16.7	63	66	51-148	3	23	
Xylene (Total)	ug/L	<13.5	60	60	62.3	61.3	104	102	59-139	1	22	
1,2-Dichloroethane-d4 (S)	%						98	101	86-117			
4-Bromofluorobenzene (S)	%						97	98	80-120			
Toluene-d8 (S)	%						102	98	80-120			
Preservation pH		1.0			1.0	1.0				0		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678959
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: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2745226 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	4140	103	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678887
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: 60349234001

METHOD BLANK: 2744774
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/24/20 21:41	
1,2-Dichloroethane-d4 (S)	%	96	80-123	09/24/20 21:41	
4-Bromofluorobenzene (S)	%	97	69-133	09/24/20 21:41	
Toluene-d8 (S)	%	103	78-122	09/24/20 21:41	

LABORATORY CONTROL SAMPLE: 2744775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.2	79	61-140	
1,2-Dichloroethane-d4 (S)	%			97	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679537
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234001

METHOD BLANK: 2747540
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	10/01/20 15:18	
Decachlorobiphenyl (S)	%	89	28-143	10/01/20 15:18	

LABORATORY CONTROL SAMPLE: 2747541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	148	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	152	93	56-128	
Decachlorobiphenyl (S)	%			87	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747542 2747543

Parameter	Units	60348944003 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	177	185	144	156	82	84	38-131	8	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	177	185	177	184	100	99	30-141	4	40	
Decachlorobiphenyl (S)	%						87	86	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 680394
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2750572 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	10/02/20 14:24	
Decachlorobiphenyl (S)	%	72	30-136	10/02/20 14:24	

LABORATORY CONTROL SAMPLE: 2750573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.6	92	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	94	64-123	
Decachlorobiphenyl (S)	%			73	30-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679538
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60349234001

METHOD BLANK: 2747544
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,2-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,3-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,4-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
2,4,5-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dimethylphenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dinitrophenol	ug/kg	ND	1630	09/30/20 11:04	
2,4-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2,6-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2-Chloronaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Chlorophenol	ug/kg	ND	323	09/30/20 11:04	
2-Methylnaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	323	09/30/20 11:04	
2-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
2-Nitrophenol	ug/kg	ND	323	09/30/20 11:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	323	09/30/20 11:04	
3,3'-Dichlorobenzidine	ug/kg	ND	646	09/30/20 11:04	
3-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1630	09/30/20 11:04	
4-Bromophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Chloro-3-methylphenol	ug/kg	ND	646	09/30/20 11:04	
4-Chloroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Chlorophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Nitrophenol	ug/kg	ND	1630	09/30/20 11:04	
Acenaphthene	ug/kg	ND	323	09/30/20 11:04	
Acenaphthylene	ug/kg	ND	323	09/30/20 11:04	
Anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)pyrene	ug/kg	ND	323	09/30/20 11:04	
Benzo(b)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzo(g,h,i)perylene	ug/kg	ND	323	09/30/20 11:04	
Benzo(k)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzoic Acid	ug/kg	ND	1630	09/30/20 11:04	
Benzyl alcohol	ug/kg	ND	646	09/30/20 11:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroethyl) ether	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	323	09/30/20 11:04	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

METHOD BLANK: 2747544 Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	323	09/30/20 11:04	
Butylbenzylphthalate	ug/kg	ND	323	09/30/20 11:04	
Carbazole	ug/kg	ND	323	09/30/20 11:04	
Chrysene	ug/kg	ND	323	09/30/20 11:04	
Di-n-butylphthalate	ug/kg	ND	323	09/30/20 11:04	
Di-n-octylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dibenz(a,h)anthracene	ug/kg	ND	323	09/30/20 11:04	
Dibenzofuran	ug/kg	ND	323	09/30/20 11:04	
Diethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dimethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Fluorene	ug/kg	ND	323	09/30/20 11:04	
Hexachloro-1,3-butadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorobenzene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorocyclopentadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachloroethane	ug/kg	ND	323	09/30/20 11:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	323	09/30/20 11:04	
Isophorone	ug/kg	ND	323	09/30/20 11:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	323	09/30/20 11:04	
N-Nitrosodiphenylamine	ug/kg	ND	323	09/30/20 11:04	
Naphthalene	ug/kg	ND	323	09/30/20 11:04	
Nitrobenzene	ug/kg	ND	323	09/30/20 11:04	
Pentachlorophenol	ug/kg	ND	1630	09/30/20 11:04	
Phenanthrene	ug/kg	ND	323	09/30/20 11:04	
Phenol	ug/kg	ND	323	09/30/20 11:04	
Pyrene	ug/kg	ND	323	09/30/20 11:04	
Pyridine	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Tribromophenol (S)	%	80	41-108	09/30/20 11:04	
2-Fluorobiphenyl (S)	%	80	39-136	09/30/20 11:04	
2-Fluorophenol (S)	%	77	43-96	09/30/20 11:04	
Nitrobenzene-d5 (S)	%	81	33-132	09/30/20 11:04	
Phenol-d6 (S)	%	78	43-95	09/30/20 11:04	
Terphenyl-d14 (S)	%	85	29-131	09/30/20 11:04	

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1570	1220	78	52-104	
1,2-Dichlorobenzene	ug/kg	1570	1210	77	51-99	
1,3-Dichlorobenzene	ug/kg	1570	1190	76	48-102	
1,4-Dichlorobenzene	ug/kg	1570	1190	76	49-101	
2,4,5-Trichlorophenol	ug/kg	1570	1290	82	58-109	
2,4,6-Trichlorophenol	ug/kg	1570	1270	81	56-109	
2,4-Dichlorophenol	ug/kg	1570	1250	80	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1570	1260	80	49-104	
2,4-Dinitrophenol	ug/kg	1570	1250J	79	26-119	
2,4-Dinitrotoluene	ug/kg	1570	1310	83	60-109	
2,6-Dinitrotoluene	ug/kg	1570	1260	80	59-109	
2-Chloronaphthalene	ug/kg	1570	1220	78	56-104	
2-Chlorophenol	ug/kg	1570	1250	79	56-98	
2-Methylnaphthalene	ug/kg	1570	1270	81	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1570	1250	79	52-102	
2-Nitroaniline	ug/kg	1570	1260	80	54-113	
2-Nitrophenol	ug/kg	1570	1250	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1570	1250	79	52-102	
3,3'-Dichlorobenzidine	ug/kg	1570	850	54	19-126	
3-Nitroaniline	ug/kg	1570	883	56	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1570	1160J	74	37-117	
4-Bromophenylphenyl ether	ug/kg	1570	1230	78	60-106	
4-Chloro-3-methylphenol	ug/kg	1570	1300	83	55-107	
4-Chloroaniline	ug/kg	1570	690	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1570	1240	79	56-107	
4-Nitroaniline	ug/kg	1570	1260	80	52-113	
4-Nitrophenol	ug/kg	1570	1350J	86	53-114	
Acenaphthene	ug/kg	1570	1260	80	55-105	
Acenaphthylene	ug/kg	1570	1310	84	57-105	
Anthracene	ug/kg	1570	1250	79	59-106	
Benzo(a)anthracene	ug/kg	1570	1270	81	59-109	
Benzo(a)pyrene	ug/kg	1570	1260	80	59-109	
Benzo(b)fluoranthene	ug/kg	1570	1280	82	56-112	
Benzo(g,h,i)perylene	ug/kg	1570	1280	82	57-109	
Benzo(k)fluoranthene	ug/kg	1570	1290	82	57-107	
Benzoic Acid	ug/kg	1570	1770	112	10-96	L1
Benzyl alcohol	ug/kg	1570	1280	81	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1570	1200	76	52-102	
bis(2-Chloroethyl) ether	ug/kg	1570	1190	76	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1570	1240	79	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1570	1340	85	61-113	
Butylbenzylphthalate	ug/kg	1570	1280	82	62-110	
Carbazole	ug/kg	1570	1290	82	60-106	
Chrysene	ug/kg	1570	1310	83	58-108	
Di-n-butylphthalate	ug/kg	1570	1300	83	61-110	
Di-n-octylphthalate	ug/kg	1570	1350	86	58-114	
Dibenz(a,h)anthracene	ug/kg	1570	1300	83	57-109	
Dibenzofuran	ug/kg	1570	1230	78	56-106	
Diethylphthalate	ug/kg	1570	1260	80	57-107	
Dimethylphthalate	ug/kg	1570	1260	80	55-106	
Fluoranthene	ug/kg	1570	1250	79	60-109	
Fluorene	ug/kg	1570	1240	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1570	1250	79	50-106	
Hexachlorobenzene	ug/kg	1570	1210	77	56-107	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1570	1010	65	18-118	
Hexachloroethane	ug/kg	1570	1200	76	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1570	1290	82	58-108	
Isophorone	ug/kg	1570	1240	79	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1570	1210	77	50-101	
N-Nitrosodiphenylamine	ug/kg	1570	1260	80	58-107	
Naphthalene	ug/kg	1570	1220	78	51-103	
Nitrobenzene	ug/kg	1570	1240	79	51-104	
Pentachlorophenol	ug/kg	1570	1280J	82	43-123	
Phenanthrene	ug/kg	1570	1240	79	58-106	
Phenol	ug/kg	1570	1250	80	53-101	
Pyrene	ug/kg	1570	1290	82	60-108	
Pyridine	ug/kg	1570	905	58	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			78	39-136	
2-Fluorophenol (S)	%			73	43-96	
Nitrobenzene-d5 (S)	%			78	33-132	
Phenol-d6 (S)	%			72	43-95	
Terphenyl-d14 (S)	%			83	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1460	1490	78	76	42-102	2	26	
1,2-Dichlorobenzene	ug/kg	ND	1870	1940	1390	1430	75	74	45-96	3	31	
1,3-Dichlorobenzene	ug/kg	ND	1870	1940	1370	1400	74	72	44-95	2	31	
1,4-Dichlorobenzene	ug/kg	ND	1870	1940	1410	1440	75	74	45-95	2	30	
2,4,5-Trichlorophenol	ug/kg	ND	1870	1940	1530	1530	82	79	47-109	0	31	
2,4,6-Trichlorophenol	ug/kg	ND	1870	1940	1540	1550	82	80	14-133	1	31	
2,4-Dichlorophenol	ug/kg	ND	1870	1940	1490	1530	80	79	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	1870	1940	1480	1500	79	77	22-113	1	32	
2,4-Dinitrophenol	ug/kg	ND	1870	1940	983J	929J	53	48	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	10-133	0	32	
2,6-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	17-125	0	25	
2-Chloronaphthalene	ug/kg	ND	1870	1940	1470	1490	79	76	47-105	1	28	
2-Chlorophenol	ug/kg	ND	1870	1940	1460	1470	78	75	44-100	0	31	
2-Methylnaphthalene	ug/kg	ND	1870	1940	1510	1530	81	79	43-104	1	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1870	1940	1440	1450	77	74	37-105	0	32	
2-Nitroaniline	ug/kg	ND	1870	1940	1540	1520	82	78	44-117	1	28	
2-Nitrophenol	ug/kg	ND	1870	1940	1480	1530	79	78	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1870	1940	1460	1460	78	75	35-108	0	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1870	1940	1180	1210	63	62	10-133	2	39	
3-Nitroaniline	ug/kg	ND	1870	1940	1350	1310	72	67	10-124	3	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1230J	1110J	66	57	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1870	1940	1500	1480	80	76	47-109	1	33	
4-Chloro-3-methylphenol	ug/kg	ND	1870	1940	1560	1540	83	79	42-109	1	30	
4-Chloroaniline	ug/kg	ND	1870	1940	956	965	51	50	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1870	1940	1490	1500	80	77	46-106	0	33	
4-Nitroaniline	ug/kg	ND	1870	1940	1450	1510	78	77	11-126	4	47	
4-Nitrophenol	ug/kg	ND	1870	1940	1550J	1790J	83	92	18-130		35	
Acenaphthene	ug/kg	ND	1870	1940	1530	1550	82	80	44-104	1	23	
Acenaphthylene	ug/kg	ND	1870	1940	1590	1580	85	81	47-102	1	29	
Anthracene	ug/kg	ND	1870	1940	1490	1510	80	77	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	1870	1940	1540	1510	83	78	10-139	2	32	
Benzo(a)pyrene	ug/kg	ND	1870	1940	1460	1470	78	76	12-132	1	33	
Benzo(b)fluoranthene	ug/kg	ND	1870	1940	1580	1490	85	77	12-136	6	37	
Benzo(g,h,i)perylene	ug/kg	ND	1870	1940	1400	1420	75	73	22-119	2	41	
Benzo(k)fluoranthene	ug/kg	ND	1870	1940	1450	1580	77	81	32-113	9	32	
Benzoic Acid	ug/kg	ND	1870	1940	1890	1580J	101	81	10-101		35	
Benzyl alcohol	ug/kg	ND	1870	1940	1470	1450	78	75	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1870	1940	1420	1440	76	74	41-100	1	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1870	1940	1410	1420	76	73	46-100	0	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1870	1940	1450	1450	77	75	40-99	0	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1870	1940	1570	1570	84	81	24-141	0	33	
Butylbenzylphthalate	ug/kg	ND	1870	1940	1530	1500	82	77	41-131	2	33	
Carbazole	ug/kg	ND	1870	1940	1510	1520	81	78	41-107	1	30	
Chrysene	ug/kg	ND	1870	1940	1560	1520	83	78	10-137	2	31	
Di-n-butylphthalate	ug/kg	ND	1870	1940	1540	1530	82	79	41-118	0	31	
Di-n-octylphthalate	ug/kg	ND	1870	1940	1590	1620	85	83	40-138	2	29	
Dibenz(a,h)anthracene	ug/kg	ND	1870	1940	1460	1480	78	76	23-122	1	35	
Dibenzofuran	ug/kg	ND	1870	1940	1480	1490	79	76	49-101	1	28	
Diethylphthalate	ug/kg	ND	1870	1940	1520	1490	81	77	42-107	2	31	
Dimethylphthalate	ug/kg	ND	1870	1940	1510	1490	81	77	37-108	1	30	
Fluoranthene	ug/kg	ND	1870	1940	1480	1490	79	76	10-139	1	32	
Fluorene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	0	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1870	1940	1460	1480	78	76	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	1870	1940	1460	1460	78	75	46-105	0	31	
Hexachlorocyclopentadiene	ug/kg	ND	1870	1940	1080	1150	58	59	10-111	6	61	
Hexachloroethane	ug/kg	ND	1870	1940	1380	1420	74	73	11-119	2	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1870	1940	1470	1460	79	75	21-120	1	38	
Isophorone	ug/kg	ND	1870	1940	1480	1490	79	76	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1870	1940	1420	1450	76	74	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	1870	1940	1490	1510	80	77	41-108	1	36	
Naphthalene	ug/kg	ND	1870	1940	1460	1480	78	76	40-105	1	31	
Nitrobenzene	ug/kg	ND	1870	1940	1490	1500	80	77	35-106	1	29	
Pentachlorophenol	ug/kg	ND	1870	1940	1640J	1480J	88	76	10-144		35	
Phenanthrene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	1	29	
Phenol	ug/kg	ND	1870	1940	1470	1460	79	75	38-102	1	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1570	1520	84	78	10-147	3	38	
Pyridine	ug/kg	ND	1870	1940	895	812	48	42	10-79	10	35	
2,4,6-Tribromophenol (S)	%						78	72	41-108			
2-Fluorobiphenyl (S)	%						80	76	39-136			
2-Fluorophenol (S)	%						72	68	43-96			
Nitrobenzene-d5 (S)	%						80	74	33-132			
Phenol-d6 (S)	%						72	68	43-95			
Terphenyl-d14 (S)	%						84	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679229
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60349234001

METHOD BLANK: 2746726 Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.1	09/30/20 18:21	
TPH-ORO	mg/kg	ND	14.1	09/30/20 18:21	
2-Fluorobiphenyl (S)	%	72	39-136	09/30/20 18:21	
Nitrobenzene-d5 (S)	%	71	33-132	09/30/20 18:21	
Terphenyl-d14 (S)	%	69	29-131	09/30/20 18:21	

LABORATORY CONTROL SAMPLE: 2746727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	330	292	88	39-122	
2-Fluorobiphenyl (S)	%			78	39-136	
Nitrobenzene-d5 (S)	%			79	33-132	
Terphenyl-d14 (S)	%			76	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746728 2746729

Parameter	Units	60349495001 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	1550	401	403	1650	3050	25	374	12-137	60	38	M1,R1
2-Fluorobiphenyl (S)	%						71	71	39-136			
Nitrobenzene-d5 (S)	%						84	92	33-132			
Terphenyl-d14 (S)	%						64	62	29-131			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678835
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2744639 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/28/20 21:15	
TPH-ORO	mg/L	ND	1.0	09/28/20 21:15	
2-Fluorobiphenyl (S)	%	50	29-108	09/28/20 21:15	
Nitrobenzene-d5 (S)	%	49	27-106	09/28/20 21:15	
Terphenyl-d14 (S)	%	43	34-129	09/28/20 21:15	

LABORATORY CONTROL SAMPLE: 2744640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	43.2	43	33-130	
2-Fluorobiphenyl (S)	%			49	29-108	
Nitrobenzene-d5 (S)	%			47	27-106	
Terphenyl-d14 (S)	%			46	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

QC Batch: 679482
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

METHOD BLANK: 2747387
Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dimethylphenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dinitrophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2-Chloronaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Chlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2-Methylnaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/30/20 11:37	
2-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
2-Nitrophenol	ug/L	ND	10.0	09/30/20 11:37	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/30/20 11:37	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/30/20 11:37	
3-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/30/20 11:37	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/30/20 11:37	
4-Chloroaniline	ug/L	ND	20.0	09/30/20 11:37	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4-Nitrophenol	ug/L	ND	50.0	09/30/20 11:37	
Acenaphthene	ug/L	ND	10.0	09/30/20 11:37	
Acenaphthylene	ug/L	ND	10.0	09/30/20 11:37	
Anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzoic Acid	ug/L	ND	50.0	09/30/20 11:37	
Benzyl alcohol	ug/L	ND	20.0	09/30/20 11:37	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/30/20 11:37	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

METHOD BLANK: 2747387 Matrix: Water
Associated Lab Samples: 60349234002, 60349234003, 60349234004, 60349234005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/30/20 11:37	
Butylbenzylphthalate	ug/L	ND	20.0	09/30/20 11:37	
Carbazole	ug/L	ND	10.0	09/30/20 11:37	
Chrysene	ug/L	ND	10.0	09/30/20 11:37	
Di-n-butylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Di-n-octylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Dibenzofuran	ug/L	ND	10.0	09/30/20 11:37	
Diethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dimethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Fluorene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloroethane	ug/L	ND	10.0	09/30/20 11:37	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Isophorone	ug/L	ND	10.0	09/30/20 11:37	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/30/20 11:37	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/30/20 11:37	
Naphthalene	ug/L	ND	10.0	09/30/20 11:37	
Nitrobenzene	ug/L	ND	10.0	09/30/20 11:37	
Pentachlorophenol	ug/L	ND	50.0	09/30/20 11:37	
Phenanthrene	ug/L	ND	10.0	09/30/20 11:37	
Phenol	ug/L	ND	10.0	09/30/20 11:37	
Pyrene	ug/L	ND	10.0	09/30/20 11:37	
Pyridine	ug/L	ND	10.0	09/30/20 11:37	
2,4,6-Tribromophenol (S)	%	73	16-114	09/30/20 11:37	
2-Fluorobiphenyl (S)	%	68	29-108	09/30/20 11:37	
2-Fluorophenol (S)	%	44	11-64	09/30/20 11:37	
Nitrobenzene-d5 (S)	%	72	27-106	09/30/20 11:37	
Phenol-d6 (S)	%	29	10-44	09/30/20 11:37	
Terphenyl-d14 (S)	%	89	34-129	09/30/20 11:37	

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	25.6	51	22-109	
1,2-Dichlorobenzene	ug/L	50	27.2	54	18-107	
1,3-Dichlorobenzene	ug/L	50	25.9	52	16-105	
1,4-Dichlorobenzene	ug/L	50	26.7	53	17-105	
2,4,5-Trichlorophenol	ug/L	50	37.9J	76	25-126	
2,4,6-Trichlorophenol	ug/L	50	36.7	73	23-124	
2,4-Dichlorophenol	ug/L	50	36.5	73	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	38.0	76	36-98	
2,4-Dinitrophenol	ug/L	50	37.1J	74	11-138	
2,4-Dinitrotoluene	ug/L	50	40.2	80	30-127	
2,6-Dinitrotoluene	ug/L	50	38.8	78	30-125	
2-Chloronaphthalene	ug/L	50	29.6	59	28-115	
2-Chlorophenol	ug/L	50	35.0	70	25-107	
2-Methylnaphthalene	ug/L	50	30.3	61	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	33.2	66	30-94	
2-Nitroaniline	ug/L	50	38.8J	78	29-126	
2-Nitrophenol	ug/L	50	35.3	71	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.5	61	26-89	
3,3'-Dichlorobenzidine	ug/L	50	44.5	89	24-140	
3-Nitroaniline	ug/L	50	38.8J	78	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35.3J	71	21-135	
4-Bromophenylphenyl ether	ug/L	50	36.8	74	30-121	
4-Chloro-3-methylphenol	ug/L	50	39.1	78	28-117	
4-Chloroaniline	ug/L	50	36.4	73	22-136	
4-Chlorophenylphenyl ether	ug/L	50	35.9	72	30-119	
4-Nitroaniline	ug/L	50	40.6J	81	31-129	
4-Nitrophenol	ug/L	50	18J	36	10-64	
Acenaphthene	ug/L	50	34.4	69	29-117	
Acenaphthylene	ug/L	50	35.4	71	27-119	
Anthracene	ug/L	50	39.2	78	27-124	
Benzo(a)anthracene	ug/L	50	44.0	88	30-124	
Benzo(a)pyrene	ug/L	50	42.3	85	29-123	
Benzo(b)fluoranthene	ug/L	50	44.8	90	29-127	
Benzo(g,h,i)perylene	ug/L	50	43.6	87	30-124	
Benzo(k)fluoranthene	ug/L	50	40.7	81	29-125	
Benzoic Acid	ug/L	50	19.1J	38	10-71	
Benzyl alcohol	ug/L	50	38.2	76	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.6	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	36.6	73	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	36.3	73	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.7	95	35-128	
Butylbenzylphthalate	ug/L	50	48.5	97	28-114	
Carbazole	ug/L	50	41.1	82	31-124	
Chrysene	ug/L	50	43.6	87	31-124	
Di-n-butylphthalate	ug/L	50	45.4	91	29-130	
Di-n-octylphthalate	ug/L	50	49.5	99	27-135	
Dibenz(a,h)anthracene	ug/L	50	43.3	87	30-125	
Dibenzofuran	ug/L	50	34.1	68	30-118	
Diethylphthalate	ug/L	50	39.9	80	30-123	
Dimethylphthalate	ug/L	50	39.0	78	29-121	
Fluoranthene	ug/L	50	41.4	83	31-126	
Fluorene	ug/L	50	36.6	73	30-120	
Hexachloro-1,3-butadiene	ug/L	50	24.4	49	14-107	
Hexachlorobenzene	ug/L	50	36.6	73	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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9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349234

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	20.1	40	10-56	
Hexachloroethane	ug/L	50	25.0	50	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	43.3	87	29-124	
Isophorone	ug/L	50	38.9	78	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	39.6	79	28-117	
N-Nitrosodiphenylamine	ug/L	50	39.1	78	30-122	
Naphthalene	ug/L	50	30.5	61	25-111	
Nitrobenzene	ug/L	50	35.0	70	28-116	
Pentachlorophenol	ug/L	50	41.8J	84	17-134	
Phenanthrene	ug/L	50	38.4	77	30-121	
Phenol	ug/L	50	15.2	30	10-58	
Pyrene	ug/L	50	41.8	84	31-124	
Pyridine	ug/L	50	15.4	31	10-73	
2,4,6-Tribromophenol (S)	%			80	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			42	11-64	
Nitrobenzene-d5 (S)	%			71	27-106	
Phenol-d6 (S)	%			29	10-44	
Terphenyl-d14 (S)	%			87	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: PINE LAWN
Pace Project No.: 60349234

QC Batch: 678754
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349234001

METHOD BLANK: 2744412
Matrix: Solid
Associated Lab Samples: 60349234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/24/20 15:45	

SAMPLE DUPLICATE: 2744413

Parameter	Units	60349206002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	17.9	0	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: PINE LAWN
Pace Project No.: 60349234

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: 678959

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

ANALYTE QUALIFIERS

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.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349234

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349234001	**DPT-6-SO-(15-16)**	EPA 3546	679537	EPA 8082	680254
60349234002	**DPT-5-GW-(15-20)**	EPA 3510	680394	EPA 8082	680549
60349234003	**DPT-6-GW-(15-20)**	EPA 3510	680394	EPA 8082	680549
60349234004	**DPT-2-GW-(24-29)**	EPA 3510	680394	EPA 8082	680549
60349234005	**PINE LAWN-FB2**	EPA 3510	680394	EPA 8082	680549
60349234001	**DPT-6-SO-(15-16)**	EPA 3050	680399	EPA 6010	680674
60349234002	**DPT-5-GW-(15-20)**	EPA 3010	680313	EPA 6010	680440
60349234003	**DPT-6-GW-(15-20)**	EPA 3010	680313	EPA 6010	680440
60349234004	**DPT-2-GW-(24-29)**	EPA 3010	680313	EPA 6010	680440
60349234005	**PINE LAWN-FB2**	EPA 3010	680313	EPA 6010	680440
60349234002	**DPT-5-GW-(15-20)**	EPA 3010	680316	EPA 6010	680441
60349234003	**DPT-6-GW-(15-20)**	EPA 3010	680316	EPA 6010	680441
60349234004	**DPT-2-GW-(24-29)**	EPA 3010	680316	EPA 6010	680441
60349234005	**PINE LAWN-FB2**	EPA 3010	680316	EPA 6010	680441
60349234002	**DPT-5-GW-(15-20)**	EPA 7470	679620	EPA 7470	679743
60349234003	**DPT-6-GW-(15-20)**	EPA 7470	679620	EPA 7470	679743
60349234004	**DPT-2-GW-(24-29)**	EPA 7470	679620	EPA 7470	679743
60349234005	**PINE LAWN-FB2**	EPA 7470	679620	EPA 7470	679743
60349234002	**DPT-5-GW-(15-20)**	EPA 7470	679617	EPA 7470	679742
60349234003	**DPT-6-GW-(15-20)**	EPA 7470	679617	EPA 7470	679742
60349234004	**DPT-2-GW-(24-29)**	EPA 7470	679617	EPA 7470	679742
60349234005	**PINE LAWN-FB2**	EPA 7470	679617	EPA 7470	679742
60349234001	**DPT-6-SO-(15-16)**	EPA 7471	679970	EPA 7471	680181
60349234001	**DPT-6-SO-(15-16)**	EPA 3546	679538	EPA 8270	679906
60349234001	**DPT-6-SO-(15-16)**	EPA 3546	679229	EPA 8270	680097
60349234002	**DPT-5-GW-(15-20)**	EPA 3510C	678835	EPA 8270	679489
60349234003	**DPT-6-GW-(15-20)**	EPA 3510C	678835	EPA 8270	679489
60349234004	**DPT-2-GW-(24-29)**	EPA 3510C	678835	EPA 8270	679489
60349234005	**PINE LAWN-FB2**	EPA 3510C	678835	EPA 8270	679489
60349234002	**DPT-5-GW-(15-20)**	EPA 3510	679482	EPA 8270	679841
60349234003	**DPT-6-GW-(15-20)**	EPA 3510	679482	EPA 8270	679841
60349234004	**DPT-2-GW-(24-29)**	EPA 3510	679482	EPA 8270	679841
60349234005	**PINE LAWN-FB2**	EPA 3510	679482	EPA 8270	679841
60349234001	**DPT-6-SO-(15-16)**	EPA 5035A/5030	678876	EPA 8260B	678909
60349234002	**DPT-5-GW-(15-20)**	EPA 5030B/8260	678965		
60349234003	**DPT-6-GW-(15-20)**	EPA 5030B/8260	678965		
60349234004	**DPT-2-GW-(24-29)**	EPA 5030B/8260	678965		
60349234005	**PINE LAWN-FB2**	EPA 5030B/8260	678965		
60349234006	**PINE LAWN-GW-TB2**	EPA 5030B/8260	678965		
60349234002	**DPT-5-GW-(15-20)**	EPA 8260	678959		
60349234003	**DPT-6-GW-(15-20)**	EPA 8260	678959		
60349234004	**DPT-2-GW-(24-29)**	EPA 8260	678959		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349234

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349234005	**PINE LAWN-FB2**	EPA 8260	678959		
60349234001	**DPT-6-SO-(15-16)**	EPA 5035	678887	EPA 8260	678910
60349234001	**DPT-6-SO-(15-16)**	ASTM D2974	678754		

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Sample Condition Upon Receipt

WO# : 60349234

60349234

Client Name: TetraTech

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: 1294 **Type of Ice:** Wet ☑ Blue None

Cooler Temperature (°C): **As-read** 0.5 **Corr. Factor** -0.4 **Corrected** 0.1

Date and initials of person examining contents: 9/23/20 HF

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? 9/23/20 HF	☑Yes ☑No ☐N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL/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# L603173	☑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: MO	☐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: _____

F-KS-C-003-Rev 11, February 28, 2018

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

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:	Pine Lawn
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: MO

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

Requested Analysis Filtered (Y/N)

#	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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 Sodium Thiosulfate	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-6-SO-(15-16)	SL	G	09/22/20	0925				7	4						1	2		X	X	X	X	X	X				60349234
2	DPT-5-GW-(15-20)	WT	G	09/22/20	0930				13	6		2	5						X	X	X	X	X	X	X			
3	DPT-6-GW-(15-20)	WT	G	09/22/20	1011				13	6									X	X	X	X	X	X	X			
4	DPT-2-GW-(24-29)	WT	G	09/22/20	1102				13	6									X	X	X	X	X	X	X			
5	Pine Lawn-FB2	WT	G	09/22/20	1305				13	6									X	X	X	X	X	X	X			
6	Pine Lawn-GW-TB2	WT	G	09/22/20	1322				2				2										X					
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley / Tetra Tech	09/22/20	1421	[illegible] / PASI	9/23/20	0459	0.1	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Thomas Kaley & Stephanie Caples

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/22/20

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 06, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349310

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349310

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: PINE LAWN
Pace Project No.: 60349310

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349310001	**DPT-15-SO-(29-30)**	Solid	09/23/20 11:22	09/24/20 04:44
60349310002	**DPT-16-SO-(29-30)**	Solid	09/23/20 11:49	09/24/20 04:44
60349310003	**DPT-11-GW-(25-30)**	Water	09/23/20 12:15	09/24/20 04:44
60349310004	**DPT-11-GW-(25-30)-FD**	Water	09/23/20 12:15	09/24/20 04:44
60349310005	**PINE LAWN-FB3**	Water	09/23/20 13:53	09/24/20 04:44
60349310006	**PINE LAWN-GW-TB6**	Water	09/23/20 13:55	09/24/20 04:44
60349310007	**DPT-17-SO-(3-5)**	Solid	09/23/20 15:22	09/24/20 04:44

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349310001	**DPT-15-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349310002	**DPT-16-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349310003	**DPT-11-GW-(25-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349310005	**PINE LAWN-FB3**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 6010	TDS	7	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	EAG	69	PASI-K
		EPA 8260	EAG	5	PASI-K
60349310006	**PINE LAWN-GW-TB6**	EPA 5030B/8260	EAG	69	PASI-K
60349310007	**DPT-17-SO-(3-5)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-15-SO-(29-30) **Lab ID: 60349310001** Collected: 09/23/20 11:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	38.5	1	09/29/20 15:19	10/01/20 23:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.5	1	09/29/20 15:19	10/01/20 23:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/29/20 15:19	10/01/20 23:20	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**8.8**	mg/kg	1.0	1	10/02/20 10:03	10/05/20 20:15	7440-38-2	
Barium	**515**	mg/kg	0.51	1	10/02/20 10:03	10/05/20 20:15	7440-39-3	M1,R1
Cadmium	**0.66**	mg/kg	0.51	1	10/02/20 10:03	10/05/20 20:15	7440-43-9	
Chromium	**35.6**	mg/kg	1.0	2	10/02/20 10:03	10/06/20 10:33	7440-47-3	
Lead	**20.1**	mg/kg	1.0	1	10/02/20 10:03	10/05/20 20:15	7439-92-1	
Selenium	ND	mg/kg	3.1	2	10/02/20 10:03	10/06/20 10:33	7782-49-2	D3
Silver	ND	mg/kg	1.4	2	10/02/20 10:03	10/06/20 10:33	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.047	1	09/30/20 18:07	10/01/20 13:03	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	83-32-9	
Acenaphthylene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	208-96-8	
Anthracene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	120-12-7	
Benzo(a)anthracene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	56-55-3	
Benzo(a)pyrene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	207-08-9	
Benzoic Acid	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 19:35	65-85-0	L1
Benzyl alcohol	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	85-68-7	
Carbazole	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	59-50-7	
4-Chloroaniline	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	108-60-1	
2-Chloronaphthalene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-15-SO-(29-30) **Lab ID: 60349310001** Collected: 09/23/20 11:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	388	1	09/29/20 13:22	09/30/20 19:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	7005-72-3	
Chrysene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	53-70-3	
Dibenzofuran	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	120-83-2	
Diethylphthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	105-67-9	
Dimethylphthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 19:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 19:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	117-81-7	
Fluoranthene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	206-44-0	
Fluorene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	87-68-3	
Hexachlorobenzene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	77-47-4	
Hexachloroethane	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	193-39-5	
Isophorone	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	78-59-1	
2-Methylnaphthalene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	15831-10-4	
Naphthalene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	91-20-3	
2-Nitroaniline	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	88-74-4	
3-Nitroaniline	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	99-09-2	
4-Nitroaniline	ND	ug/kg	776	1	09/29/20 13:22	09/30/20 19:35	100-01-6	
Nitrobenzene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	98-95-3	
2-Nitrophenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	88-75-5	
4-Nitrophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 19:35	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	86-30-6	
Pentachlorophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 19:35	87-86-5	
Phenanthrene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	85-01-8	
Phenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	108-95-2	
Pyrene	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	129-00-0	
Pyridine	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-15-SO-(29-30) **Lab ID: 60349310001** Collected: 09/23/20 11:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	388	1	09/29/20 13:22	09/30/20 19:35	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	388	1	09/29/20 13:22	09/30/20 19:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	33-132	1	09/29/20 13:22	09/30/20 19:35	4165-60-0	
2-Fluorobiphenyl (S)	66	%	39-136	1	09/29/20 13:22	09/30/20 19:35	321-60-8	
Terphenyl-d14 (S)	72	%	29-131	1	09/29/20 13:22	09/30/20 19:35	1718-51-0	
Phenol-d6 (S)	61	%	43-95	1	09/29/20 13:22	09/30/20 19:35	13127-88-3	
2-Fluorophenol (S)	59	%	43-96	1	09/29/20 13:22	09/30/20 19:35	367-12-4	
2,4,6-Tribromophenol (S)	59	%	41-108	1	09/29/20 13:22	09/30/20 19:35	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	17.5	1	09/30/20 14:55	10/05/20 12:52		
TPH-DRO	ND	mg/kg	17.5	1	09/30/20 14:55	10/05/20 12:52		
Surrogates								
Nitrobenzene-d5 (S)	75	%	33-132	1	09/30/20 14:55	10/05/20 12:52	4165-60-0	
2-Fluorobiphenyl (S)	81	%	39-136	1	09/30/20 14:55	10/05/20 12:52	321-60-8	
Terphenyl-d14 (S)	87	%	29-131	1	09/30/20 14:55	10/05/20 12:52	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	15.0	1	09/25/20 15:41	09/25/20 19:48	67-64-1	
Benzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-27-4	
Bromoform	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-25-2	
Bromomethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.5	1	09/25/20 15:41	09/25/20 19:48	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.8	1	09/25/20 15:41	09/25/20 19:48	98-06-6	
Carbon disulfide	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	108-90-7	
Chloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-00-3	
Chloroform	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	67-66-3	
Chloromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1	09/25/20 15:41	09/25/20 19:48	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-15-SO-(29-30) **Lab ID: 60349310001** Collected: 09/23/20 11:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	3.8	1	09/25/20 15:41	09/25/20 19:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	87-68-3	
2-Hexanone	ND	ug/kg	15.0	1	09/25/20 15:41	09/25/20 19:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	99-87-6	
Methylene Chloride	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.5	1	09/25/20 15:41	09/25/20 19:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	1634-04-4	
Naphthalene	ND	ug/kg	7.5	1	09/25/20 15:41	09/25/20 19:48	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	103-65-1	
Styrene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	127-18-4	
Toluene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	108-67-8	
Vinyl chloride	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	75-01-4	
Xylene (Total)	ND	ug/kg	3.8	1	09/25/20 15:41	09/25/20 19:48	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/25/20 15:41	09/25/20 19:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/25/20 15:41	09/25/20 19:48	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-15-SO-(29-30) **Lab ID: 60349310001** Collected: 09/23/20 11:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/25/20 15:41	09/25/20 19:48	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	0.38	1	09/25/20 15:41	09/25/20 19:48		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/25/20 15:41	09/25/20 19:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/25/20 15:41	09/25/20 19:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/25/20 15:41	09/25/20 19:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**15.7**	%	0.50	1		09/25/20 11:09		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-16-SO-(29-30) **Lab ID: 60349310002** Collected: 09/23/20 11:49 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	36.7	1	09/29/20 15:19	10/01/20 23:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.7	1	09/29/20 15:19	10/01/20 23:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/29/20 15:19	10/01/20 23:37	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.4**	mg/kg	0.90	1	10/02/20 10:03	10/05/20 20:28	7440-38-2	
Barium	**81.6**	mg/kg	0.45	1	10/02/20 10:03	10/05/20 20:28	7440-39-3	
Cadmium	ND	mg/kg	0.45	1	10/02/20 10:03	10/05/20 20:28	7440-43-9	
Chromium	**27.5**	mg/kg	0.45	1	10/02/20 10:03	10/05/20 20:28	7440-47-3	
Lead	**8.0**	mg/kg	0.90	1	10/02/20 10:03	10/05/20 20:28	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/02/20 10:03	10/05/20 20:28	7782-49-2	
Silver	ND	mg/kg	0.63	1	10/02/20 10:03	10/05/20 20:28	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	09/30/20 18:07	10/01/20 13:05	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	83-32-9	
Acenaphthylene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	208-96-8	
Anthracene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	207-08-9	
Benzoic Acid	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 19:56	65-85-0	L1
Benzyl alcohol	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	85-68-7	
Carbazole	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	59-50-7	
4-Chloroaniline	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	108-60-1	
2-Chloronaphthalene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-16-SO-(29-30) **Lab ID: 60349310002** Collected: 09/23/20 11:49 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	373	1	09/29/20 13:22	09/30/20 19:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	7005-72-3	
Chrysene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	53-70-3	
Dibenzofuran	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	120-83-2	
Diethylphthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	105-67-9	
Dimethylphthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 19:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 19:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	117-81-7	
Fluoranthene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	206-44-0	
Fluorene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	77-47-4	
Hexachloroethane	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	193-39-5	
Isophorone	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	78-59-1	
2-Methylnaphthalene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	15831-10-4	
Naphthalene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	91-20-3	
2-Nitroaniline	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	88-74-4	
3-Nitroaniline	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	99-09-2	
4-Nitroaniline	ND	ug/kg	745	1	09/29/20 13:22	09/30/20 19:56	100-01-6	
Nitrobenzene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	98-95-3	
2-Nitrophenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	88-75-5	
4-Nitrophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 19:56	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	86-30-6	
Pentachlorophenol	ND	ug/kg	1890	1	09/29/20 13:22	09/30/20 19:56	87-86-5	
Phenanthrene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	85-01-8	
Phenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	108-95-2	
Pyrene	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	129-00-0	
Pyridine	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-16-SO-(29-30) **Lab ID: 60349310002** Collected: 09/23/20 11:49 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	373	1	09/29/20 13:22	09/30/20 19:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	373	1	09/29/20 13:22	09/30/20 19:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	33-132	1	09/29/20 13:22	09/30/20 19:56	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-136	1	09/29/20 13:22	09/30/20 19:56	321-60-8	
Terphenyl-d14 (S)	76	%	29-131	1	09/29/20 13:22	09/30/20 19:56	1718-51-0	
Phenol-d6 (S)	68	%	43-95	1	09/29/20 13:22	09/30/20 19:56	13127-88-3	
2-Fluorophenol (S)	68	%	43-96	1	09/29/20 13:22	09/30/20 19:56	367-12-4	
2,4,6-Tribromophenol (S)	71	%	41-108	1	09/29/20 13:22	09/30/20 19:56	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	17.2	1	09/30/20 14:55	10/05/20 13:52		
TPH-DRO	ND	mg/kg	17.2	1	09/30/20 14:55	10/05/20 13:52		
Surrogates								
Nitrobenzene-d5 (S)	90	%	33-132	1	09/30/20 14:55	10/05/20 13:52	4165-60-0	
2-Fluorobiphenyl (S)	96	%	39-136	1	09/30/20 14:55	10/05/20 13:52	321-60-8	
Terphenyl-d14 (S)	104	%	29-131	1	09/30/20 14:55	10/05/20 13:52	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	14.3	1	09/25/20 15:41	09/25/20 20:03	67-64-1	
Benzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-27-4	
Bromoform	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-25-2	
Bromomethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.1	1	09/25/20 15:41	09/25/20 20:03	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.8	1	09/25/20 15:41	09/25/20 20:03	98-06-6	
Carbon disulfide	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	108-90-7	
Chloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-00-3	
Chloroform	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	67-66-3	
Chloromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	1	09/25/20 15:41	09/25/20 20:03	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-16-SO-(29-30) **Lab ID: 60349310002** Collected: 09/23/20 11:49 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	3.6	1	09/25/20 15:41	09/25/20 20:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	87-68-3	
2-Hexanone	ND	ug/kg	14.3	1	09/25/20 15:41	09/25/20 20:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	99-87-6	
Methylene Chloride	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.1	1	09/25/20 15:41	09/25/20 20:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	1634-04-4	
Naphthalene	ND	ug/kg	7.1	1	09/25/20 15:41	09/25/20 20:03	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	103-65-1	
Styrene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	127-18-4	
Toluene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	75-01-4	
Xylene (Total)	ND	ug/kg	3.6	1	09/25/20 15:41	09/25/20 20:03	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	09/25/20 15:41	09/25/20 20:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/25/20 15:41	09/25/20 20:03	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-16-SO-(29-30) **Lab ID: 60349310002** Collected: 09/23/20 11:49 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	105	%	78-118	1	09/25/20 15:41	09/25/20 20:03	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	0.36	1	09/25/20 15:41	09/25/20 20:03		
Surrogates								
Toluene-d8 (S)	99	%	78-122	1	09/25/20 15:41	09/25/20 20:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/25/20 15:41	09/25/20 20:03	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-123	1	09/25/20 15:41	09/25/20 20:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**14.2**	%	0.50	1		09/25/20 11:09		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30) **Lab ID: 60349310003** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	10/02/20 13:17	10/05/20 09:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	30-136	1	10/02/20 13:17	10/05/20 09:29	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**59.2**	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:16	7440-38-2	
Barium	**5340**	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:16	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:16	7440-43-9	
Chromium	**286**	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:16	7440-47-3	
Lead	**376**	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:16	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/05/20 09:25	10/06/20 10:16	7782-49-2	
Silver	ND	ug/L	7.0	1	10/05/20 09:25	10/06/20 10:16	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	10/05/20 09:40	10/05/20 19:15	7440-38-2	
Barium, Dissolved	**412**	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:15	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:15	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:15	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/05/20 09:40	10/05/20 19:15	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/05/20 09:40	10/05/20 19:15	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/05/20 09:40	10/05/20 19:15	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**1.0**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:12	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	09/29/20 14:13	10/01/20 10:22	7439-97-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3510C							
	Pace Analytical Services - Kansas City							
TPH-ORO	**1.8**	mg/L	0.91	1	09/29/20 12:18	10/05/20 18:08		
TPH-DRO	**14.3**	mg/L	0.91	1	09/29/20 12:18	10/05/20 18:08		
Surrogates								
Nitrobenzene-d5 (S)	66	%	27-106	1	09/29/20 12:18	10/05/20 18:08	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-108	1	09/29/20 12:18	10/05/20 18:08	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30) **Lab ID: 60349310003** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	09/29/20 12:18	10/05/20 18:08	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	83-32-9	
Acenaphthylene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	208-96-8	
Anthracene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	207-08-9	
Benzoic Acid	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	65-85-0	
Benzyl alcohol	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	85-68-7	
Carbazole	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	59-50-7	
4-Chloroaniline	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	108-60-1	
2-Chloronaphthalene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	91-58-7	
2-Chlorophenol	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	7005-72-3	
Chrysene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	53-70-3	
Dibenzofuran	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	120-83-2	
Diethylphthalate	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	84-66-2	
2,4-Dimethylphenol	**12.7**	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	105-67-9	
Dimethylphthalate	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	19.0	1	09/28/20 22:11	09/30/20 13:31	117-81-7	
Fluoranthene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	206-44-0	
Fluorene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30) **Lab ID: 60349310003** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	9.5	1	09/28/20 22:11	09/30/20 13:31	87-68-3	
Hexachlorobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	77-47-4	
Hexachloroethane	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	193-39-5	
Isophorone	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	78-59-1	
2-Methylnaphthalene	**28.2**	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	15831-10-4	
Naphthalene	**119**	ug/L	47.6	5	09/28/20 22:11	10/05/20 09:29	91-20-3	
2-Nitroaniline	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	88-74-4	
3-Nitroaniline	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	99-09-2	
4-Nitroaniline	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	100-01-6	
Nitrobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	98-95-3	
2-Nitrophenol	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	88-75-5	
4-Nitrophenol	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	86-30-6	
Pentachlorophenol	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	87-86-5	
Phenanthrene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	85-01-8	
Phenol	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	108-95-2	
Pyrene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	129-00-0	
Pyridine	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	47.6	1	09/28/20 22:11	09/30/20 13:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.5	1	09/28/20 22:11	09/30/20 13:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	27-106	1	09/28/20 22:11	09/30/20 13:31	4165-60-0	
2-Fluorobiphenyl (S)	56	%	29-108	1	09/28/20 22:11	09/30/20 13:31	321-60-8	
Terphenyl-d14 (S)	83	%	34-129	1	09/28/20 22:11	09/30/20 13:31	1718-51-0	
Phenol-d6 (S)	30	%	10-44	1	09/28/20 22:11	09/30/20 13:31	13127-88-3	
2-Fluorophenol (S)	41	%	11-64	1	09/28/20 22:11	09/30/20 13:31	367-12-4	
2,4,6-Tribromophenol (S)	69	%	16-114	1	09/28/20 22:11	09/30/20 13:31	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**14.3**	ug/L	10.0	1		09/25/20 16:54	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 16:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 16:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 16:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 16:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 16:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 16:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 16:54	78-93-3	
n-Butylbenzene	**22.9**	ug/L	1.0	1		09/25/20 16:54	104-51-8	
sec-Butylbenzene	**15.0**	ug/L	1.0	1		09/25/20 16:54	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30) **Lab ID: 60349310003** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	**2.1**	ug/L	1.0	1		09/25/20 16:54	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 16:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 16:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 16:54	75-00-3	
Chloroform	**2.8**	ug/L	1.0	1		09/25/20 16:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 16:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 16:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 16:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 16:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 16:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 16:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 16:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 16:54	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 16:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 16:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 16:54	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 16:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 16:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 16:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 16:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 16:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 16:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 16:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 16:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 16:54	10061-02-6	
Ethylbenzene	**2.9**	ug/L	1.0	1		09/25/20 16:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 16:54	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 16:54	591-78-6	
Isopropylbenzene (Cumene)	**27.4**	ug/L	1.0	1		09/25/20 16:54	98-82-8	
p-Isopropyltoluene	**16.0**	ug/L	1.0	1		09/25/20 16:54	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**24.7**	ug/L	10.0	1		09/25/20 16:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 16:54	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 16:54	91-20-3	
n-Propylbenzene	**52.6**	ug/L	1.0	1		09/25/20 16:54	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	**2.0**	ug/L	1.0	1		09/25/20 16:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 16:54	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 16:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 16:54	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30) **Lab ID: 60349310003** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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		09/25/20 16:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 16:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 16:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 16:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 16:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 16:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 16:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 16:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 16:54	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	139	%	80-120	1		09/25/20 16:54	460-00-4	S0
1,2-Dichloroethane-d4 (S)	100	%	86-117	1		09/25/20 16:54	17060-07-0	
Toluene-d8 (S)	81	%	80-120	1		09/25/20 16:54	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 16:54		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	**6280**	ug/L	2500	5		09/30/20 16:54		
Surrogates								
Toluene-d8 (S)	106	%	80-120	5		09/30/20 16:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	5		09/30/20 16:54	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%	86-117	5		09/30/20 16:54	17060-07-0	S2
Preservation pH	**1.0**		0.10	5		09/30/20 16:54		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30)-FD **Lab ID: 60349310004** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	10/02/20 13:17	10/05/20 09:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	30-136	1	10/02/20 13:17	10/05/20 09:36	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**59.5**	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:18	7440-38-2	
Barium	**5710**	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:18	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:18	7440-43-9	
Chromium	**308**	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:18	7440-47-3	
Lead	**314**	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:18	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/05/20 09:25	10/06/20 10:18	7782-49-2	
Silver	ND	ug/L	7.0	1	10/05/20 09:25	10/06/20 10:18	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	10/05/20 09:40	10/05/20 19:17	7440-38-2	
Barium, Dissolved	**402**	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:17	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:17	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:17	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/05/20 09:40	10/05/20 19:17	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/05/20 09:40	10/05/20 19:17	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/05/20 09:40	10/05/20 19:17	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**1.0**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:15	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	09/29/20 14:13	10/01/20 10:24	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	09/29/20 12:18	10/05/20 18:28		
TPH-DRO	**5.0**	mg/L	0.95	1	09/29/20 12:18	10/05/20 18:28		
Surrogates								
Nitrobenzene-d5 (S)	74	%	27-106	1	09/29/20 12:18	10/05/20 18:28	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-108	1	09/29/20 12:18	10/05/20 18:28	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30)-FD **Lab ID: 60349310004** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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)	74	%	34-129	1	09/29/20 12:18	10/05/20 18:28	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	83-32-9	
Acenaphthylene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	208-96-8	
Anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	56-55-3	
Benzo(a)pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	207-08-9	
Benzoic Acid	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	65-85-0	
Benzyl alcohol	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	85-68-7	
Carbazole	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	59-50-7	
4-Chloroaniline	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	108-60-1	
2-Chloronaphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	91-58-7	
2-Chlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	7005-72-3	
Chrysene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	53-70-3	
Dibenzofuran	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	120-83-2	
Diethylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	105-67-9	
Dimethylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 10:37	117-81-7	
Fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	206-44-0	
Fluorene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30)-FD **Lab ID: 60349310004** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	12.5	1	09/30/20 15:38	10/05/20 10:37	87-68-3	
Hexachlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	77-47-4	
Hexachloroethane	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	193-39-5	
Isophorone	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	78-59-1	
2-Methylnaphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	15831-10-4	
Naphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	91-20-3	
2-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	88-74-4	
3-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	99-09-2	
4-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	100-01-6	
Nitrobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	98-95-3	
2-Nitrophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	88-75-5	
4-Nitrophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	86-30-6	
Pentachlorophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	87-86-5	
Phenanthrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	85-01-8	
Phenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	108-95-2	
Pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	129-00-0	
Pyridine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 10:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 10:37	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	28	%	27-106	1	09/30/20 15:38	10/05/20 10:37	4165-60-0	
2-Fluorobiphenyl (S)	29	%	29-108	1	09/30/20 15:38	10/05/20 10:37	321-60-8	
Terphenyl-d14 (S)	61	%	34-129	1	09/30/20 15:38	10/05/20 10:37	1718-51-0	
Phenol-d6 (S)	24	%	10-44	1	09/30/20 15:38	10/05/20 10:37	13127-88-3	
2-Fluorophenol (S)	25	%	11-64	1	09/30/20 15:38	10/05/20 10:37	367-12-4	
2,4,6-Tribromophenol (S)	36	%	16-114	1	09/30/20 15:38	10/05/20 10:37	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 17:10	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 17:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 17:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 17:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 17:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 17:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 17:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 17:10	78-93-3	
n-Butylbenzene	**22.5**	ug/L	1.0	1		09/25/20 17:10	104-51-8	
sec-Butylbenzene	**14.3**	ug/L	1.0	1		09/25/20 17:10	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30)-FD **Lab ID: 60349310004** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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	**1.9**	ug/L	1.0	1		09/25/20 17:10	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 17:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 17:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 17:10	75-00-3	
Chloroform	**2.6**	ug/L	1.0	1		09/25/20 17:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 17:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 17:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 17:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 17:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 17:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 17:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 17:10	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 17:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 17:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 17:10	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 17:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 17:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 17:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 17:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 17:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 17:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 17:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 17:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 17:10	10061-02-6	
Ethylbenzene	**3.2**	ug/L	1.0	1		09/25/20 17:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 17:10	87-68-3	
2-Hexanone	**19.5**	ug/L	10.0	1		09/25/20 17:10	591-78-6	
Isopropylbenzene (Cumene)	**28.6**	ug/L	1.0	1		09/25/20 17:10	98-82-8	
p-Isopropyltoluene	**15.5**	ug/L	1.0	1		09/25/20 17:10	99-87-6	
Methylene Chloride	**2.8**	ug/L	1.0	1		09/25/20 17:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 17:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 17:10	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 17:10	91-20-3	
n-Propylbenzene	**51.5**	ug/L	1.0	1		09/25/20 17:10	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 17:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 17:10	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 17:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 17:10	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-11-GW-(25-30)-FD **Lab ID: 60349310004** Collected: 09/23/20 12:15 Received: 09/24/20 04:44 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		09/25/20 17:10	71-55-6	
1,1,2-Trichloroethane	**2.6**	ug/L	1.0	1		09/25/20 17:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 17:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 17:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 17:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 17:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 17:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 17:10	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	129	%	80-120	1		09/25/20 17:10	460-00-4	S0
1,2-Dichloroethane-d4 (S)	103	%	86-117	1		09/25/20 17:10	17060-07-0	
Toluene-d8 (S)	88	%	80-120	1		09/25/20 17:10	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 17:10		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	**4690**	ug/L	2500	5		09/30/20 17:09		
Surrogates								
Toluene-d8 (S)	103	%	80-120	5		09/30/20 17:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-120	5		09/30/20 17:09	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-117	5		09/30/20 17:09	17060-07-0	
Preservation pH	**1.0**		0.10	5		09/30/20 17:09		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-FB3 **Lab ID: 60349310005** Collected: 09/23/20 13:53 Received: 09/24/20 04:44 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	10/02/20 13:17	10/05/20 09:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/02/20 13:17	10/05/20 09:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	30-136	1	10/02/20 13:17	10/05/20 09:43	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:21	7440-38-2	
Barium	ND	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:21	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:21	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/05/20 09:25	10/06/20 10:21	7440-47-3	
Lead	ND	ug/L	10.0	1	10/05/20 09:25	10/06/20 10:21	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/05/20 09:25	10/06/20 10:21	7782-49-2	
Silver	ND	ug/L	7.0	1	10/05/20 09:25	10/06/20 10:21	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	10/05/20 09:40	10/05/20 19:29	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:29	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:29	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/05/20 09:40	10/05/20 19:29	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/05/20 09:40	10/05/20 19:29	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/05/20 09:40	10/05/20 19:29	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/05/20 09:40	10/05/20 19:29	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:17	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	09/29/20 14:13	10/01/20 10:27	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	09/29/20 12:18	10/05/20 18:47		
TPH-DRO	ND	mg/L	0.95	1	09/29/20 12:18	10/05/20 18:47		
Surrogates								
Nitrobenzene-d5 (S)	66	%	27-106	1	09/29/20 12:18	10/05/20 18:47	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-108	1	09/29/20 12:18	10/05/20 18:47	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-FB3 **Lab ID: 60349310005** Collected: 09/23/20 13:53 Received: 09/24/20 04:44 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)	38	%	34-129	1	09/29/20 12:18	10/05/20 18:47	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	09/28/20 22:11	09/30/20 13:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	208-96-8	
Anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	85-68-7	
Carbazole	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	7005-72-3	
Chrysene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	20.0	1	09/28/20 22:11	09/30/20 13:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	206-44-0	
Fluorene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-FB3 **Lab ID: 60349310005** Collected: 09/23/20 13:53 Received: 09/24/20 04:44 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	09/28/20 22:11	09/30/20 13:53	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	193-39-5	
Isophorone	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	85-01-8	
Phenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	108-95-2	
Pyrene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	129-00-0	
Pyridine	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	09/28/20 22:11	09/30/20 13:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	09/28/20 22:11	09/30/20 13:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	65	%	27-106	1	09/28/20 22:11	09/30/20 13:53	4165-60-0	
2-Fluorobiphenyl (S)	57	%	29-108	1	09/28/20 22:11	09/30/20 13:53	321-60-8	
Terphenyl-d14 (S)	80	%	34-129	1	09/28/20 22:11	09/30/20 13:53	1718-51-0	
Phenol-d6 (S)	29	%	10-44	1	09/28/20 22:11	09/30/20 13:53	13127-88-3	
2-Fluorophenol (S)	42	%	11-64	1	09/28/20 22:11	09/30/20 13:53	367-12-4	
2,4,6-Tribromophenol (S)	69	%	16-114	1	09/28/20 22:11	09/30/20 13:53	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/25/20 12:55	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 12:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 12:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 12:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 12:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 12:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 12:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 12:55	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-FB3 **Lab ID: 60349310005** Collected: 09/23/20 13:53 Received: 09/24/20 04:44 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		09/25/20 12:55	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 12:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 12:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 12:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 12:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 12:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 12:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 12:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 12:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 12:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 12:55	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 12:55	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 12:55	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 12:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 12:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 12:55	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 12:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 12:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/25/20 12:55	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 12:55	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 12:55	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 12:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:55	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-FB3 **Lab ID: 60349310005** Collected: 09/23/20 13:53 Received: 09/24/20 04:44 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		09/25/20 12:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 12:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 12:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 12:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 12:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 12:55	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 12:55	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-117	1		09/25/20 12:55	17060-07-0	
Toluene-d8 (S)	96	%	80-120	1		09/25/20 12:55	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 12:55		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/25/20 12:55		
Surrogates								
Toluene-d8 (S)	96	%	80-120	1		09/25/20 12:55	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/20 12:55	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-117	1		09/25/20 12:55	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/20 12:55		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-GW-TB6 **Lab ID: 60349310006** Collected: 09/23/20 13:55 Received: 09/24/20 04:44 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		09/25/20 12:23	67-64-1	
Benzene	ND	ug/L	1.0	1		09/25/20 12:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/25/20 12:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/25/20 12:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/25/20 12:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/25/20 12:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/25/20 12:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/25/20 12:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/25/20 12:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/25/20 12:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/25/20 12:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/25/20 12:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/25/20 12:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/25/20 12:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/25/20 12:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/25/20 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/25/20 12:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/25/20 12:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/25/20 12:23	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/25/20 12:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/25/20 12:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/25/20 12:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/25/20 12:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/25/20 12:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/25/20 12:23	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/25/20 12:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/25/20 12:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/25/20 12:23	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/25/20 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/25/20 12:23	108-10-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: PINE LAWN-GW-TB6 **Lab ID: 60349310006** Collected: 09/23/20 13:55 Received: 09/24/20 04:44 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		09/25/20 12:23	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/25/20 12:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	103-65-1	
Styrene	ND	ug/L	1.0	1		09/25/20 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/25/20 12:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/25/20 12:23	127-18-4	
Toluene	ND	ug/L	1.0	1		09/25/20 12:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/25/20 12:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/25/20 12:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/25/20 12:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/25/20 12:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/25/20 12:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/25/20 12:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/25/20 12:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/25/20 12:23	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	1		09/25/20 12:23	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-117	1		09/25/20 12:23	17060-07-0	
Toluene-d8 (S)	96	%	80-120	1		09/25/20 12:23	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/25/20 12:23		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-17-SO-(3-5) **Lab ID: 60349310007** Collected: 09/23/20 15:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	39.7	1	09/29/20 15:19	10/01/20 23:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.7	1	09/29/20 15:19	10/01/20 23:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	28-143	1	09/29/20 15:19	10/01/20 23:55	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.5**	mg/kg	0.95	1	10/02/20 10:03	10/05/20 20:31	7440-38-2	
Barium	**130**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 20:31	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/02/20 10:03	10/05/20 20:31	7440-43-9	
Chromium	**15.7**	mg/kg	0.48	1	10/02/20 10:03	10/05/20 20:31	7440-47-3	
Lead	**36.3**	mg/kg	0.95	1	10/02/20 10:03	10/05/20 20:31	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/02/20 10:03	10/05/20 20:31	7782-49-2	
Silver	**0.73**	mg/kg	0.67	1	10/02/20 10:03	10/05/20 20:31	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	09/30/20 18:07	10/01/20 13:07	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	83-32-9	
Acenaphthylene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	208-96-8	
Anthracene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	207-08-9	
Benzoic Acid	ND	ug/kg	10300	1	09/29/20 13:22	09/30/20 20:18	65-85-0	L1
Benzyl alcohol	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	85-68-7	
Carbazole	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	59-50-7	
4-Chloroaniline	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	108-60-1	
2-Chloronaphthalene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	91-58-7	

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(913)599-5665

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-17-SO-(3-5) **Lab ID: 60349310007** Collected: 09/23/20 15:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	2040	1	09/29/20 13:22	09/30/20 20:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	7005-72-3	
Chrysene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	53-70-3	
Dibenzofuran	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	120-83-2	
Diethylphthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	105-67-9	
Dimethylphthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10300	1	09/29/20 13:22	09/30/20 20:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	10300	1	09/29/20 13:22	09/30/20 20:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	117-81-7	
Fluoranthene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	206-44-0	
Fluorene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	77-47-4	
Hexachloroethane	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	193-39-5	
Isophorone	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	78-59-1	
2-Methylnaphthalene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	15831-10-4	
Naphthalene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	91-20-3	
2-Nitroaniline	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	88-74-4	
3-Nitroaniline	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	99-09-2	
4-Nitroaniline	ND	ug/kg	4090	1	09/29/20 13:22	09/30/20 20:18	100-01-6	
Nitrobenzene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	98-95-3	
2-Nitrophenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	88-75-5	
4-Nitrophenol	ND	ug/kg	10300	1	09/29/20 13:22	09/30/20 20:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	86-30-6	
Pentachlorophenol	ND	ug/kg	10300	1	09/29/20 13:22	09/30/20 20:18	87-86-5	
Phenanthrene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	85-01-8	
Phenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	108-95-2	
Pyrene	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	129-00-0	
Pyridine	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-17-SO-(3-5) **Lab ID: 60349310007** Collected: 09/23/20 15:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	2040	1	09/29/20 13:22	09/30/20 20:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2040	1	09/29/20 13:22	09/30/20 20:18	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	83	%	33-132	1	09/29/20 13:22	09/30/20 20:18	4165-60-0	P3
2-Fluorobiphenyl (S)	82	%	39-136	1	09/29/20 13:22	09/30/20 20:18	321-60-8	
Terphenyl-d14 (S)	89	%	29-131	1	09/29/20 13:22	09/30/20 20:18	1718-51-0	
Phenol-d6 (S)	79	%	43-95	1	09/29/20 13:22	09/30/20 20:18	13127-88-3	
2-Fluorophenol (S)	78	%	43-96	1	09/29/20 13:22	09/30/20 20:18	367-12-4	
2,4,6-Tribromophenol (S)	66	%	41-108	1	09/29/20 13:22	09/30/20 20:18	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**122**	mg/kg	91.8	5	09/30/20 14:55	10/05/20 14:11		
TPH-DRO	**36.0J**	mg/kg	91.8	5	09/30/20 14:55	10/05/20 14:11		
Surrogates								
Nitrobenzene-d5 (S)	58	%	33-132	5	09/30/20 14:55	10/05/20 14:11	4165-60-0	D3
2-Fluorobiphenyl (S)	65	%	39-136	5	09/30/20 14:55	10/05/20 14:11	321-60-8	
Terphenyl-d14 (S)	74	%	29-131	5	09/30/20 14:55	10/05/20 14:11	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**44.2**	ug/kg	14.5	1	09/29/20 12:34	09/29/20 14:53	67-64-1	
Benzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-27-4	
Bromoform	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-25-2	
Bromomethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.3	1	09/29/20 12:34	09/29/20 14:53	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.2	1	09/29/20 12:34	09/29/20 14:53	98-06-6	
Carbon disulfide	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	108-90-7	
Chloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-00-3	
Chloroform	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	67-66-3	
Chloromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1	09/29/20 12:34	09/29/20 14:53	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-17-SO-(3-5) **Lab ID: 60349310007** Collected: 09/23/20 15:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	3.6	1	09/29/20 12:34	09/29/20 14:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	87-68-3	
2-Hexanone	ND	ug/kg	14.5	1	09/29/20 12:34	09/29/20 14:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	99-87-6	
Methylene Chloride	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.3	1	09/29/20 12:34	09/29/20 14:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	1634-04-4	
Naphthalene	ND	ug/kg	7.3	1	09/29/20 12:34	09/29/20 14:53	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	103-65-1	
Styrene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	127-18-4	
Toluene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	75-01-4	
Xylene (Total)	ND	ug/kg	3.6	1	09/29/20 12:34	09/29/20 14:53	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	80-120	1	09/29/20 12:34	09/29/20 14:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-115	1	09/29/20 12:34	09/29/20 14:53	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349310

Sample: DPT-17-SO-(3-5) **Lab ID: 60349310007** Collected: 09/23/20 15:22 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	100	%	78-118	1	09/29/20 12:34	09/29/20 14:53	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	**0.95**	mg/kg	0.36	1	09/29/20 12:58	09/29/20 14:53		
Surrogates								
Toluene-d8 (S)	104	%	78-122	1	09/29/20 12:58	09/29/20 14:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-133	1	09/29/20 12:58	09/29/20 14:53	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	80-123	1	09/29/20 12:58	09/29/20 14:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**19.3**	%	0.50	1		09/25/20 11:09		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679620
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2747878 Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/01/20 10:47	

LABORATORY CONTROL SAMPLE: 2747879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747880 2747881

Parameter	Units	60349231003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.3	5.0	106	100	75-125	6	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679617
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2747874 Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	10/01/20 09:57	

LABORATORY CONTROL SAMPLE: 2747875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747876 2747877

Parameter	Units	60349234004 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	4.7	4.6	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2748882 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 680402
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2750588 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 20:10	
Barium	mg/kg	ND	0.50	10/05/20 20:10	
Cadmium	mg/kg	ND	0.50	10/05/20 20:10	
Chromium	mg/kg	ND	0.50	10/05/20 20:10	
Lead	mg/kg	ND	1.0	10/05/20 20:10	
Selenium	mg/kg	ND	1.5	10/05/20 20:10	
Silver	mg/kg	ND	0.70	10/05/20 20:10	

LABORATORY CONTROL SAMPLE: 2750589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	98.5	98	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	95.9	96	80-120	
Chromium	mg/kg	100	102	102	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	91.8	92	80-120	
Silver	mg/kg	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750590 2750591

Parameter	Units	60349310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.8	92.7	94.2	87.0	89.8	84	86	75-125	3	20	
Barium	mg/kg	515	92.7	94.2	658	1070	155	586	75-125	47	20	M1,R1
Cadmium	mg/kg	0.66	92.7	94.2	78.0	75.8	83	80	75-125	3	20	E
Chromium	mg/kg	35.6	92.7	94.2	130	141	102	112	75-125	8	20	E
Lead	mg/kg	20.1	92.7	94.2	103	108	90	93	75-125	4	20	E
Selenium	mg/kg	ND	92.7	94.2	73.7	70.6	80	75	75-125	4	20	E
Silver	mg/kg	ND	46.4	47.1	42.0	42.0	89	88	75-125	0	20	E

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 680575
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2751202
Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/06/20 10:00	
Barium	ug/L	ND	5.0	10/06/20 10:00	
Cadmium	ug/L	ND	5.0	10/06/20 10:00	
Chromium	ug/L	ND	5.0	10/06/20 10:00	
Lead	ug/L	ND	10.0	10/06/20 10:00	
Selenium	ug/L	ND	15.0	10/06/20 10:00	
Silver	ug/L	ND	7.0	10/06/20 10:00	

LABORATORY CONTROL SAMPLE: 2751203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	946	95	80-120	
Barium	ug/L	1000	948	95	80-120	
Cadmium	ug/L	1000	952	95	80-120	
Chromium	ug/L	1000	969	97	80-120	
Lead	ug/L	1000	988	99	80-120	
Selenium	ug/L	1000	982	98	80-120	
Silver	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2751204 2751205

Parameter	Units	60349310005 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	915	861	92	86	75-125	6	20	
Barium	ug/L	ND	1000	1000	918	873	92	87	75-125	5	20	
Cadmium	ug/L	ND	1000	1000	918	869	92	87	75-125	5	20	
Chromium	ug/L	ND	1000	1000	935	897	94	90	75-125	4	20	
Lead	ug/L	ND	1000	1000	956	906	96	91	75-125	5	20	
Selenium	ug/L	ND	1000	1000	940	894	94	89	75-125	5	20	
Silver	ug/L	ND	500	500	465	443	93	89	75-125	5	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 680725
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2752144 Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/05/20 18:42	
Barium, Dissolved	ug/L	ND	5.0	10/05/20 18:42	
Cadmium, Dissolved	ug/L	ND	5.0	10/05/20 18:42	
Chromium, Dissolved	ug/L	ND	5.0	10/05/20 18:42	
Lead, Dissolved	ug/L	ND	10.0	10/05/20 18:42	
Selenium, Dissolved	ug/L	ND	15.0	10/05/20 18:42	
Silver, Dissolved	ug/L	ND	7.0	10/05/20 18:42	

LABORATORY CONTROL SAMPLE: 2752145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	945	94	80-120	
Barium, Dissolved	ug/L	1000	954	95	80-120	
Cadmium, Dissolved	ug/L	1000	935	93	80-120	
Chromium, Dissolved	ug/L	1000	956	96	80-120	
Lead, Dissolved	ug/L	1000	992	99	80-120	
Selenium, Dissolved	ug/L	1000	935	94	80-120	
Silver, Dissolved	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752146 2752147

Parameter	Units	60349310004 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	959	946	95	94	75-125	1	20	
Barium, Dissolved	ug/L	402	1000	1000	1340	1320	93	92	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	917	902	92	90	75-125	2	20	
Chromium, Dissolved	ug/L	ND	1000	1000	936	928	93	93	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	948	938	94	93	75-125	1	20	
Selenium, Dissolved	ug/L	ND	1000	1000	911	892	91	89	75-125	2	20	
Silver, Dissolved	ug/L	ND	500	500	492	488	98	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679108
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: 60349310001, 60349310002

METHOD BLANK: 2745774
Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,1-Dichloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,1-Dichloroethene	ug/kg	ND	5.0	09/25/20 18:14	
1,1-Dichloropropene	ug/kg	ND	5.0	09/25/20 18:14	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/25/20 18:14	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/25/20 18:14	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dichloroethane	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dichloropropane	ug/kg	ND	5.0	09/25/20 18:14	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
1,3-Dichloropropane	ug/kg	ND	5.0	09/25/20 18:14	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
2,2-Dichloropropane	ug/kg	ND	5.0	09/25/20 18:14	
2-Butanone (MEK)	ug/kg	ND	10.0	09/25/20 18:14	
2-Chlorotoluene	ug/kg	ND	5.0	09/25/20 18:14	
2-Hexanone	ug/kg	ND	20.0	09/25/20 18:14	
4-Chlorotoluene	ug/kg	ND	5.0	09/25/20 18:14	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/25/20 18:14	
Acetone	ug/kg	ND	20.0	09/25/20 18:14	
Benzene	ug/kg	ND	5.0	09/25/20 18:14	
Bromobenzene	ug/kg	ND	5.0	09/25/20 18:14	
Bromochloromethane	ug/kg	ND	5.0	09/25/20 18:14	
Bromodichloromethane	ug/kg	ND	5.0	09/25/20 18:14	
Bromoform	ug/kg	ND	5.0	09/25/20 18:14	
Bromomethane	ug/kg	ND	5.0	09/25/20 18:14	
Carbon disulfide	ug/kg	ND	5.0	09/25/20 18:14	
Carbon tetrachloride	ug/kg	ND	5.0	09/25/20 18:14	
Chlorobenzene	ug/kg	ND	5.0	09/25/20 18:14	
Chloroethane	ug/kg	ND	5.0	09/25/20 18:14	
Chloroform	ug/kg	ND	5.0	09/25/20 18:14	
Chloromethane	ug/kg	ND	5.0	09/25/20 18:14	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2745774 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/25/20 18:14	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/25/20 18:14	
Dibromochloromethane	ug/kg	ND	5.0	09/25/20 18:14	
Dibromomethane	ug/kg	ND	5.0	09/25/20 18:14	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/25/20 18:14	
Ethylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/25/20 18:14	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/25/20 18:14	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/25/20 18:14	
Methylene Chloride	ug/kg	ND	5.0	09/25/20 18:14	
n-Butylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
n-Propylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
Naphthalene	ug/kg	ND	10.0	09/25/20 18:14	
p-Isopropyltoluene	ug/kg	ND	5.0	09/25/20 18:14	
sec-Butylbenzene	ug/kg	ND	5.0	09/25/20 18:14	
Styrene	ug/kg	ND	5.0	09/25/20 18:14	
tert-Butylbenzene	ug/kg	ND	25.0	09/25/20 18:14	
Tetrachloroethene	ug/kg	ND	5.0	09/25/20 18:14	
Toluene	ug/kg	ND	5.0	09/25/20 18:14	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/25/20 18:14	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/25/20 18:14	
Trichloroethene	ug/kg	ND	5.0	09/25/20 18:14	
Trichlorofluoromethane	ug/kg	ND	5.0	09/25/20 18:14	
Vinyl chloride	ug/kg	ND	5.0	09/25/20 18:14	
Xylene (Total)	ug/kg	ND	5.0	09/25/20 18:14	
1,2-Dichloroethane-d4 (S)	%	94	78-118	09/25/20 18:14	
4-Bromofluorobenzene (S)	%	97	85-115	09/25/20 18:14	
Toluene-d8 (S)	%	103	80-120	09/25/20 18:14	

LABORATORY CONTROL SAMPLE: 2745775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	101	101	84-125	
1,1,1-Trichloroethane	ug/kg	100	92.3	92	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	93.9	94	76-121	
1,1,2-Trichloroethane	ug/kg	100	101	101	83-118	
1,1-Dichloroethane	ug/kg	100	84.2	84	74-120	
1,1-Dichloroethene	ug/kg	100	92.0	92	71-124	
1,1-Dichloropropene	ug/kg	100	82.2	82	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	100	100	81-123	
1,2,3-Trichloropropane	ug/kg	100	96.1	96	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	100	100	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	94.5	94	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.2	93	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2745775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	103	103	64-137	
1,2-Dichlorobenzene	ug/kg	100	99.2	99	83-119	
1,2-Dichloroethane	ug/kg	100	90.1	90	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	194	97	82-117	
1,2-Dichloropropane	ug/kg	100	94.5	95	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	95.4	95	81-122	
1,3-Dichlorobenzene	ug/kg	100	97.9	98	83-119	
1,3-Dichloropropane	ug/kg	100	100	100	83-118	
1,4-Dichlorobenzene	ug/kg	100	91.8	92	83-116	
2,2-Dichloropropane	ug/kg	100	89.0	89	76-124	
2-Butanone (MEK)	ug/kg	500	448	90	63-122	
2-Chlorotoluene	ug/kg	100	92.8	93	79-119	
2-Hexanone	ug/kg	500	463	93	68-122	
4-Chlorotoluene	ug/kg	100	94.6	95	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	460	92	63-128	
Acetone	ug/kg	500	438	88	55-124	
Benzene	ug/kg	100	92.1	92	67-126	
Bromobenzene	ug/kg	100	98.1	98	85-117	
Bromochloromethane	ug/kg	100	104	104	78-122	
Bromodichloromethane	ug/kg	100	99.8	100	82-120	
Bromoform	ug/kg	100	110	110	77-133	
Bromomethane	ug/kg	100	75.0	75	20-168	
Carbon disulfide	ug/kg	100	104	104	60-133	
Carbon tetrachloride	ug/kg	100	99.1	99	79-128	
Chlorobenzene	ug/kg	100	98.0	98	84-118	
Chloroethane	ug/kg	100	80.3	80	53-139	
Chloroform	ug/kg	100	96.1	96	82-120	
Chloromethane	ug/kg	100	50.3	50	33-143	
cis-1,2-Dichloroethene	ug/kg	100	96.7	97	83-117	
cis-1,3-Dichloropropene	ug/kg	100	96.0	96	80-122	
Dibromochloromethane	ug/kg	100	110	110	82-128	
Dibromomethane	ug/kg	100	99.9	100	82-119	
Dichlorodifluoromethane	ug/kg	100	33.6	34	12-159	
Ethylbenzene	ug/kg	100	94.9	95	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	99.6	100	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	94.9	95	83-122	
Methyl-tert-butyl ether	ug/kg	100	94.7	95	58-137	
Methylene Chloride	ug/kg	100	91.3	91	68-125	
n-Butylbenzene	ug/kg	100	98.4	98	73-131	
n-Propylbenzene	ug/kg	100	94.1	94	82-122	
Naphthalene	ug/kg	100	104	104	60-136	
p-Isopropyltoluene	ug/kg	100	87.1	87	74-129	
sec-Butylbenzene	ug/kg	100	103	103	71-133	
Styrene	ug/kg	100	101	101	84-121	
tert-Butylbenzene	ug/kg	100	93.6	94	81-122	
Tetrachloroethene	ug/kg	100	102	102	78-130	
Toluene	ug/kg	100	95.2	95	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2745775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	97.2	97	78-118	
trans-1,3-Dichloropropene	ug/kg	100	103	103	81-123	
Trichloroethene	ug/kg	100	98.7	99	78-127	
Trichlorofluoromethane	ug/kg	100	92.5	93	64-133	
Vinyl chloride	ug/kg	100	64.4	64	45-139	
Xylene (Total)	ug/kg	300	286	95	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			94	85-115	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679569
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: 60349310007

METHOD BLANK: 2747687
Matrix: Solid
Associated Lab Samples: 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,1-Dichloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,1-Dichloroethene	ug/kg	ND	5.0	09/29/20 10:10	
1,1-Dichloropropene	ug/kg	ND	5.0	09/29/20 10:10	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/29/20 10:10	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/29/20 10:10	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dichloroethane	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dichloropropane	ug/kg	ND	5.0	09/29/20 10:10	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
1,3-Dichloropropane	ug/kg	ND	5.0	09/29/20 10:10	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
2,2-Dichloropropane	ug/kg	ND	5.0	09/29/20 10:10	
2-Butanone (MEK)	ug/kg	ND	10.0	09/29/20 10:10	
2-Chlorotoluene	ug/kg	ND	5.0	09/29/20 10:10	
2-Hexanone	ug/kg	ND	20.0	09/29/20 10:10	
4-Chlorotoluene	ug/kg	ND	5.0	09/29/20 10:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/29/20 10:10	
Acetone	ug/kg	ND	20.0	09/29/20 10:10	
Benzene	ug/kg	ND	5.0	09/29/20 10:10	
Bromobenzene	ug/kg	ND	5.0	09/29/20 10:10	
Bromochloromethane	ug/kg	ND	5.0	09/29/20 10:10	
Bromodichloromethane	ug/kg	ND	5.0	09/29/20 10:10	
Bromoform	ug/kg	ND	5.0	09/29/20 10:10	
Bromomethane	ug/kg	ND	5.0	09/29/20 10:10	
Carbon disulfide	ug/kg	ND	5.0	09/29/20 10:10	
Carbon tetrachloride	ug/kg	ND	5.0	09/29/20 10:10	
Chlorobenzene	ug/kg	ND	5.0	09/29/20 10:10	
Chloroethane	ug/kg	ND	5.0	09/29/20 10:10	
Chloroform	ug/kg	ND	5.0	09/29/20 10:10	
Chloromethane	ug/kg	ND	5.0	09/29/20 10:10	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2747687 Matrix: Solid
Associated Lab Samples: 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/29/20 10:10	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/29/20 10:10	
Dibromochloromethane	ug/kg	ND	5.0	09/29/20 10:10	
Dibromomethane	ug/kg	ND	5.0	09/29/20 10:10	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/29/20 10:10	
Ethylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/29/20 10:10	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/29/20 10:10	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/29/20 10:10	
Methylene Chloride	ug/kg	ND	5.0	09/29/20 10:10	
n-Butylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
n-Propylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
Naphthalene	ug/kg	ND	10.0	09/29/20 10:10	
p-Isopropyltoluene	ug/kg	ND	5.0	09/29/20 10:10	
sec-Butylbenzene	ug/kg	ND	5.0	09/29/20 10:10	
Styrene	ug/kg	ND	5.0	09/29/20 10:10	
tert-Butylbenzene	ug/kg	ND	25.0	09/29/20 10:10	
Tetrachloroethene	ug/kg	ND	5.0	09/29/20 10:10	
Toluene	ug/kg	ND	5.0	09/29/20 10:10	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/29/20 10:10	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/29/20 10:10	
Trichloroethene	ug/kg	ND	5.0	09/29/20 10:10	
Trichlorofluoromethane	ug/kg	ND	5.0	09/29/20 10:10	
Vinyl chloride	ug/kg	ND	5.0	09/29/20 10:10	
Xylene (Total)	ug/kg	ND	5.0	09/29/20 10:10	
1,2-Dichloroethane-d4 (S)	%	95	78-118	09/29/20 10:10	
4-Bromofluorobenzene (S)	%	97	85-115	09/29/20 10:10	
Toluene-d8 (S)	%	104	80-120	09/29/20 10:10	

LABORATORY CONTROL SAMPLE: 2747688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	98.9	99	84-125	
1,1,1-Trichloroethane	ug/kg	100	95.8	96	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	88.2	88	76-121	
1,1,2-Trichloroethane	ug/kg	100	96.5	96	83-118	
1,1-Dichloroethane	ug/kg	100	101	101	74-120	
1,1-Dichloroethene	ug/kg	100	94.2	94	71-124	
1,1-Dichloropropene	ug/kg	100	85.2	85	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	98.2	98	81-123	
1,2,3-Trichloropropane	ug/kg	100	92.7	93	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	98.6	99	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	96.7	97	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	88.9	89	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	97.6	98	64-137	
1,2-Dichlorobenzene	ug/kg	100	95.9	96	83-119	
1,2-Dichloroethane	ug/kg	100	86.8	87	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	191	95	82-117	
1,2-Dichloropropane	ug/kg	100	91.5	91	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	100	100	81-122	
1,3-Dichlorobenzene	ug/kg	100	97.6	98	83-119	
1,3-Dichloropropane	ug/kg	100	94.2	94	83-118	
1,4-Dichlorobenzene	ug/kg	100	91.1	91	83-116	
2,2-Dichloropropane	ug/kg	100	94.3	94	76-124	
2-Butanone (MEK)	ug/kg	500	435	87	63-122	
2-Chlorotoluene	ug/kg	100	95.3	95	79-119	
2-Hexanone	ug/kg	500	447	89	68-122	
4-Chlorotoluene	ug/kg	100	99.5	100	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	440	88	63-128	
Acetone	ug/kg	500	430	86	55-124	
Benzene	ug/kg	100	90.7	91	67-126	
Bromobenzene	ug/kg	100	96.9	97	85-117	
Bromochloromethane	ug/kg	100	97.2	97	78-122	
Bromodichloromethane	ug/kg	100	95.4	95	82-120	
Bromoform	ug/kg	100	105	105	77-133	
Bromomethane	ug/kg	100	76.8	77	20-168	
Carbon disulfide	ug/kg	100	104	104	60-133	
Carbon tetrachloride	ug/kg	100	103	103	79-128	
Chlorobenzene	ug/kg	100	96.9	97	84-118	
Chloroethane	ug/kg	100	78.6	79	53-139	
Chloroform	ug/kg	100	94.0	94	82-120	
Chloromethane	ug/kg	100	49.3	49	33-143	
cis-1,2-Dichloroethene	ug/kg	100	93.8	94	83-117	
cis-1,3-Dichloropropene	ug/kg	100	92.6	93	80-122	
Dibromochloromethane	ug/kg	100	104	104	82-128	
Dibromomethane	ug/kg	100	92.0	92	82-119	
Dichlorodifluoromethane	ug/kg	100	26.1	26	12-159	
Ethylbenzene	ug/kg	100	96.6	97	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	103	103	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	97.4	97	83-122	
Methyl-tert-butyl ether	ug/kg	100	88.3	88	58-137	
Methylene Chloride	ug/kg	100	86.7	87	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	99.2	99	82-122	
Naphthalene	ug/kg	100	99.4	99	60-136	
p-Isopropyltoluene	ug/kg	100	91.2	91	74-129	
sec-Butylbenzene	ug/kg	100	108	108	71-133	
Styrene	ug/kg	100	99.1	99	84-121	
tert-Butylbenzene	ug/kg	100	97.6	98	81-122	
Tetrachloroethene	ug/kg	100	106	106	78-130	
Toluene	ug/kg	100	95.8	96	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	97.1	97	78-118	
trans-1,3-Dichloropropene	ug/kg	100	99.4	99	81-123	
Trichloroethene	ug/kg	100	99.3	99	78-127	
Trichlorofluoromethane	ug/kg	100	93.1	93	64-133	
Vinyl chloride	ug/kg	100	61.9	62	45-139	
Xylene (Total)	ug/kg	300	290	97	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747689 2747690

Parameter	Units	60349464005 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	108	108	99.4	108	92	100	13-133	8	39	
1,1,1-Trichloroethane	ug/kg	ND	108	108	87.4	93.8	81	87	30-131	7	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	108	108	93.8	99.0	87	92	10-139	5	49	
1,1,2-Trichloroethane	ug/kg	ND	108	108	95.5	103	88	96	10-145	8	41	
1,1-Dichloroethane	ug/kg	ND	108	108	87.1	78.6	81	73	24-125	10	31	
1,1-Dichloroethene	ug/kg	ND	108	108	70.1	75.8	65	70	34-118	8	30	
1,1-Dichloropropene	ug/kg	ND	108	108	86.0	91.1	80	84	29-116	6	30	
1,2,3-Trichlorobenzene	ug/kg	ND	108	108	97.8	101	90	94	10-115	3	40	
1,2,3-Trichloropropane	ug/kg	ND	108	108	96.8	100	90	93	10-150	3	46	
1,2,4-Trichlorobenzene	ug/kg	ND	108	108	97.9	101	90	93	10-115	3	44	
1,2,4-Trimethylbenzene	ug/kg	ND	108	108	91.9	97.0	85	90	10-123	5	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	108	108	91.8	96.6	85	89	10-136	5	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	108	108	97.3	105	90	98	24-149	8	29	
1,2-Dichlorobenzene	ug/kg	ND	108	108	95.7	100	88	93	10-123	5	41	
1,2-Dichloroethane	ug/kg	ND	108	108	83.8	90.6	77	84	23-140	8	29	
1,2-Dichloroethene (Total)	ug/kg	ND	216	216	169	184	78	85	30-119	9	32	
1,2-Dichloropropane	ug/kg	ND	108	108	87.4	94.2	81	87	13-132	7	33	
1,3,5-Trimethylbenzene	ug/kg	ND	108	108	92.8	97.6	86	90	10-124	5	40	
1,3-Dichlorobenzene	ug/kg	ND	108	108	95.1	98.7	88	91	10-122	4	42	
1,3-Dichloropropane	ug/kg	ND	108	108	93.9	101	87	94	10-135	7	36	
1,4-Dichlorobenzene	ug/kg	ND	108	108	93.7	98.0	87	91	10-120	5	38	
2,2-Dichloropropane	ug/kg	ND	108	108	82.8	87.7	77	81	22-135	6	31	
2-Butanone (MEK)	ug/kg	ND	541	540	416	445	77	82	12-127	7	37	
2-Chlorotoluene	ug/kg	ND	108	108	90.8	95.2	84	88	10-126	5	38	
2-Hexanone	ug/kg	ND	541	540	451	487	83	90	10-135	8	37	
4-Chlorotoluene	ug/kg	ND	108	108	94.0	98.8	87	91	10-129	5	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	541	540	428	466	79	86	10-129	8	36	
Acetone	ug/kg	ND	541	540	374	412	68	75	10-143	10	34	
Benzene	ug/kg	ND	108	108	85.3	91.2	79	84	37-135	7	24	
Bromobenzene	ug/kg	ND	108	108	95.4	101	88	94	10-134	6	45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747689 2747690

Parameter	Units	60349464005 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	108	108	93.0	101	86	94	17-129	9	34	
Bromodichloromethane	ug/kg	ND	108	108	94.4	101	87	93	12-130	7	33	
Bromoform	ug/kg	ND	108	108	104	114	96	106	10-135	9	39	
Bromomethane	ug/kg	ND	108	108	47.1	51.0	44	47	10-124	8	41	
Carbon disulfide	ug/kg	ND	108	108	59.7	63.9	55	59	17-116	7	28	
Carbon tetrachloride	ug/kg	ND	108	108	90.4	97.4	84	90	29-127	8	35	
Chlorobenzene	ug/kg	ND	108	108	97.0	104	90	97	10-133	7	33	
Chloroethane	ug/kg	ND	108	108	52.7	57.0	49	53	25-116	8	33	
Chloroform	ug/kg	ND	108	108	91.5	97.1	85	90	20-130	6	30	
Chloromethane	ug/kg	ND	108	108	29.9	30.5	28	28	10-113	2	31	
cis-1,2-Dichloroethene	ug/kg	ND	108	108	86.8	95.3	80	88	22-126	9	31	
cis-1,3-Dichloropropene	ug/kg	ND	108	108	91.4	98.1	85	91	10-125	7	34	
Dibromochloromethane	ug/kg	ND	108	108	101	110	93	102	10-138	9	38	
Dibromomethane	ug/kg	ND	108	108	93.7	101	87	94	13-129	8	38	
Dichlorodifluoromethane	ug/kg	ND	108	108	18.7	19.4	17	18	10-114	4	33	
Ethylbenzene	ug/kg	ND	108	108	96.1	103	89	95	31-142	7	25	
Hexachloro-1,3-butadiene	ug/kg	ND	108	108	94.0	97.4	87	90	10-124	4	41	
Isopropylbenzene (Cumene)	ug/kg	ND	108	108	97.1	104	90	97	17-120	7	34	
Methyl-tert-butyl ether	ug/kg	ND	108	108	81.8	89.7	76	83	30-143	9	28	
Methylene Chloride	ug/kg	ND	108	108	77.1	83.5	70	76	24-121	8	33	
n-Butylbenzene	ug/kg	ND	108	108	93.1	97.4	86	90	10-121	5	36	
n-Propylbenzene	ug/kg	ND	108	108	94.1	99.3	87	92	12-125	5	37	
Naphthalene	ug/kg	ND	108	108	101	106	93	98	10-156	5	34	
p-Isopropyltoluene	ug/kg	ND	108	108	93.9	98.5	87	91	10-119	5	37	
sec-Butylbenzene	ug/kg	ND	108	108	93.0	98.1	86	91	10-127	5	40	
Styrene	ug/kg	ND	108	108	96.5	104	89	96	10-124	7	37	
tert-Butylbenzene	ug/kg	ND	108	108	94.0	99.5	87	92	10-126	6	37	
Tetrachloroethene	ug/kg	ND	108	108	98.9	105	91	97	15-133	6	36	
Toluene	ug/kg	ND	108	108	91.8	97.3	85	90	40-137	6	25	
trans-1,2-Dichloroethene	ug/kg	ND	108	108	82.0	88.7	76	82	22-129	8	34	
trans-1,3-Dichloropropene	ug/kg	ND	108	108	94.0	103	87	95	10-130	9	35	
Trichloroethene	ug/kg	ND	108	108	92.3	98.5	85	91	19-135	6	34	
Trichlorofluoromethane	ug/kg	ND	108	108	63.8	68.5	59	63	16-132	7	28	
Vinyl chloride	ug/kg	ND	108	108	38.3	40.2	35	37	14-116	5	28	
Xylene (Total)	ug/kg	ND	324	323	283	303	87	94	19-153	7	27	
1,2-Dichloroethane-d4 (S)	%						97	99	78-118			
4-Bromofluorobenzene (S)	%						95	94	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 678965
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: 60349310003, 60349310004, 60349310005, 60349310006

METHOD BLANK: 2745239
Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005, 60349310006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
1,1-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/25/20 11:51	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethane	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/25/20 11:51	
1,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
1,3-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
2,2-Dichloropropane	ug/L	ND	1.0	09/25/20 11:51	
2-Butanone (MEK)	ug/L	ND	10.0	09/25/20 11:51	
2-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
2-Hexanone	ug/L	ND	10.0	09/25/20 11:51	
4-Chlorotoluene	ug/L	ND	1.0	09/25/20 11:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/25/20 11:51	
Acetone	ug/L	ND	10.0	09/25/20 11:51	
Benzene	ug/L	ND	1.0	09/25/20 11:51	
Bromobenzene	ug/L	ND	1.0	09/25/20 11:51	
Bromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromodichloromethane	ug/L	ND	1.0	09/25/20 11:51	
Bromoform	ug/L	ND	1.0	09/25/20 11:51	
Bromomethane	ug/L	ND	5.0	09/25/20 11:51	
Carbon disulfide	ug/L	ND	5.0	09/25/20 11:51	
Carbon tetrachloride	ug/L	ND	1.0	09/25/20 11:51	
Chlorobenzene	ug/L	ND	1.0	09/25/20 11:51	
Chloroethane	ug/L	ND	1.0	09/25/20 11:51	
Chloroform	ug/L	ND	1.0	09/25/20 11:51	
Chloromethane	ug/L	ND	1.0	09/25/20 11:51	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2745239 Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005, 60349310006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Dibromochloromethane	ug/L	ND	1.0	09/25/20 11:51	
Dibromomethane	ug/L	ND	1.0	09/25/20 11:51	
Dichlorodifluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Ethylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/25/20 11:51	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/25/20 11:51	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/25/20 11:51	
Methylene Chloride	ug/L	ND	1.0	09/25/20 11:51	
n-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
n-Propylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Naphthalene	ug/L	ND	10.0	09/25/20 11:51	
p-Isopropyltoluene	ug/L	ND	1.0	09/25/20 11:51	
sec-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Styrene	ug/L	ND	1.0	09/25/20 11:51	
tert-Butylbenzene	ug/L	ND	1.0	09/25/20 11:51	
Tetrachloroethene	ug/L	ND	1.0	09/25/20 11:51	
Toluene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/25/20 11:51	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/25/20 11:51	
Trichloroethene	ug/L	ND	1.0	09/25/20 11:51	
Trichlorofluoromethane	ug/L	ND	1.0	09/25/20 11:51	
Vinyl chloride	ug/L	ND	1.0	09/25/20 11:51	
Xylene (Total)	ug/L	ND	3.0	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.2	116	85-118	
1,1,1-Trichloroethane	ug/L	20	19.2	96	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	78-118	
1,1,2-Trichloroethane	ug/L	20	22.9	114	82-117	
1,1-Dichloroethane	ug/L	20	20.2	101	85-120	
1,1-Dichloroethene	ug/L	20	19.6	98	81-124	
1,1-Dichloropropene	ug/L	20	17.8	89	71-119	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	76-120	
1,2,3-Trichloropropane	ug/L	20	21.6	108	78-123	
1,2,4-Trichlorobenzene	ug/L	20	20.6	103	77-117	
1,2,4-Trimethylbenzene	ug/L	20	21.7	109	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	100	68-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	22.3	111	83-120	
1,2-Dichlorobenzene	ug/L	20	21.3	106	80-120	
1,2-Dichloroethane	ug/L	20	19.2	96	79-118	
1,2-Dichloroethene (Total)	ug/L	40	41.1	103	84-118	
1,2-Dichloropropane	ug/L	20	20.6	103	85-117	
1,3,5-Trimethylbenzene	ug/L	20	21.3	107	80-118	
1,3-Dichlorobenzene	ug/L	20	21.5	107	80-120	
1,3-Dichloropropane	ug/L	20	22.1	111	85-120	
1,4-Dichlorobenzene	ug/L	20	20.1	101	84-115	
2,2-Dichloropropane	ug/L	20	22.4	112	60-129	
2-Butanone (MEK)	ug/L	100	116	116	70-125	
2-Chlorotoluene	ug/L	20	20.7	103	84-115	
2-Hexanone	ug/L	100	114	114	76-126	
4-Chlorotoluene	ug/L	20	21.2	106	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	117	117	73-131	
Acetone	ug/L	100	114	114	59-135	
Benzene	ug/L	20	20.1	100	82-115	
Bromobenzene	ug/L	20	20.6	103	84-115	
Bromochloromethane	ug/L	20	20.5	103	85-125	
Bromodichloromethane	ug/L	20	21.9	109	82-123	
Bromoform	ug/L	20	23.2	116	66-133	
Bromomethane	ug/L	20	18.0	90	27-179	
Carbon disulfide	ug/L	20	22.9	115	72-134	
Carbon tetrachloride	ug/L	20	20.7	103	80-121	
Chlorobenzene	ug/L	20	21.3	107	80-120	
Chloroethane	ug/L	20	18.2	91	78-145	
Chloroform	ug/L	20	19.8	99	84-116	
Chloromethane	ug/L	20	12.7	64	48-160	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	85-115	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	85-117	
Dibromochloromethane	ug/L	20	22.7	113	82-122	
Dibromomethane	ug/L	20	20.8	104	81-122	
Dichlorodifluoromethane	ug/L	20	9.4	47	50-173	L2,SS
Ethylbenzene	ug/L	20	19.4	97	79-115	
Hexachloro-1,3-butadiene	ug/L	20	22.6	113	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	84-117	
Methyl-tert-butyl ether	ug/L	20	22.1	111	77-126	
Methylene Chloride	ug/L	20	20.2	101	80-126	
n-Butylbenzene	ug/L	20	23.7	118	81-120	
n-Propylbenzene	ug/L	20	20.7	104	80-116	
Naphthalene	ug/L	20	20.1	100	73-126	
p-Isopropyltoluene	ug/L	20	20.1	100	74-121	
sec-Butylbenzene	ug/L	20	23.5	117	75-130	
Styrene	ug/L	20	22.6	113	80-117	
tert-Butylbenzene	ug/L	20	21.1	106	84-116	
Tetrachloroethene	ug/L	20	20.2	101	83-119	
Toluene	ug/L	20	20.6	103	83-115	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2745240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.5	103	80-124	
trans-1,3-Dichloropropene	ug/L	20	22.7	113	83-117	
Trichloroethene	ug/L	20	19.5	97	80-118	
Trichlorofluoromethane	ug/L	20	22.1	110	83-133	
Vinyl chloride	ug/L	20	15.6	78	76-144	
Xylene (Total)	ug/L	60	63.1	105	82-120	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<5.2	20	20	21.3	21.4	106	107	68-125	1	15	
1,1,1-Trichloroethane	ug/L	<3.2	20	20	19.8	19.3	99	97	74-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<7.0	20	20	19.1	19.6	96	98	60-128	3	19	
1,1,2-Trichloroethane	ug/L	<7.0	20	20	21.7	21.8	108	109	66-125	1	28	
1,1-Dichloroethane	ug/L	<2.4	20	20	18.8	19.9	94	99	81-124	6	23	
1,1-Dichloroethene	ug/L	<5.2	20	20	20.3	21.0	101	105	64-141	3	21	
1,1-Dichloropropene	ug/L	<4.5	20	20	18.5	18.7	92	94	43-144	1	21	
1,2,3-Trichlorobenzene	ug/L	<15.5	20	20	17.9	18.4	89	92	56-116	3	31	
1,2,3-Trichloropropane	ug/L	<9.0	20	20	18.8	19.7	94	98	64-124	4	23	
1,2,4-Trichlorobenzene	ug/L	<9.2	20	20	19.6	19.5	98	98	54-118	0	28	
1,2,4-Trimethylbenzene	ug/L	<6.5	20	20	20.6	20.5	103	102	61-133	1	22	
1,2-Dibromo-3-chloropropane	ug/L	<23.8	20	20	18.1	18.8	90	94	56-128	4	33	
1,2-Dibromoethane (EDB)	ug/L	<4.8	20	20	20.1	20.3	100	101	70-122	1	18	
1,2-Dichlorobenzene	ug/L	<6.0	20	20	20.4	20.6	102	103	76-117	1	17	
1,2-Dichloroethane	ug/L	<5.8	20	20	18.8	18.4	94	92	64-135	2	22	
1,2-Dichloroethene (Total)	ug/L	<6.5	40	40	38.2	40.1	96	100	77-122	5	17	
1,2-Dichloropropane	ug/L	<4.0	20	20	20.7	20.7	103	104	73-125	0	19	
1,3,5-Trimethylbenzene	ug/L	<5.2	20	20	21.1	21.4	105	107	60-136	1	21	
1,3-Dichlorobenzene	ug/L	<6.0	20	20	20.6	20.6	103	103	71-121	0	20	
1,3-Dichloropropane	ug/L	<5.5	20	20	20.8	20.6	104	103	73-120	1	16	
1,4-Dichlorobenzene	ug/L	<6.5	20	20	18.4	19.0	74	77	57-125	4	19	
2,2-Dichloropropane	ug/L	<2.8	20	20	19.5	19.2	97	96	32-135	1	19	
2-Butanone (MEK)	ug/L	<60.0	100	100	98.5	99.2	99	99	58-121	1	22	
2-Chlorotoluene	ug/L	<6.0	20	20	19.9	20.3	99	102	66-129	2	19	
2-Hexanone	ug/L	<37.5	100	100	97.1	100	97	100	61-125	3	20	
4-Chlorotoluene	ug/L	<6.2	20	20	20.1	20.6	100	103	65-127	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<35.0	100	100	105	108	105	108	67-125	3	20	
Acetone	ug/L	<118	100	100	101	103	-11	-9	49-113	1	32	M1
Benzene	ug/L	331	20	20	33.0	32.6	-1490	-1490	49-140	1	25	M1
Bromobenzene	ug/L	<5.8	20	20	19.1	19.9	95	99	69-120	4	16	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745241 2745242

Parameter	Units	60348619014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/L	<4.8	20	20	19.7	19.1	99	95	74-123	3	18	
Bromodichloromethane	ug/L	<3.0	20	20	21.2	21.4	106	107	71-124	1	19	
Bromoform	ug/L	<9.5	20	20	20.7	20.4	103	102	56-113	1	18	
Bromomethane	ug/L	<24.8	20	20	13.5	14.5	68	72	12-165	7	43	
Carbon disulfide	ug/L	<6.0	20	20	23.9	24.1	119	120	66-145	1	18	
Carbon tetrachloride	ug/L	<4.8	20	20	21.6	22.5	108	113	84-130	4	21	
Chlorobenzene	ug/L	1230	20	20	70.5	71.0	-5810	-5800	68-126	1	14	M1
Chloroethane	ug/L	<9.5	20	20	18.5	18.8	92	94	67-145	2	28	
Chloroform	ug/L	<4.2	20	20	19.6	19.5	98	98	72-123	1	17	
Chloromethane	ug/L	<11.0	20	20	12.4	12.3	43	42	31-175	1	34	
cis-1,2-Dichloroethene	ug/L	<3.8	20	20	18.6	20.0	93	100	69-127	7	18	
cis-1,3-Dichloropropene	ug/L	<3.2	20	20	21.3	20.7	106	104	60-124	3	20	
Dibromochloromethane	ug/L	<4.2	20	20	21.6	21.6	108	108	68-123	0	24	
Dibromomethane	ug/L	<4.8	20	20	19.3	19.9	97	100	76-115	3	18	
Dichlorodifluoromethane	ug/L	<12.2	20	20	9.8	9.9	49	49	31-162	1	24	
Ethylbenzene	ug/L	<4.5	20	20	19.1	19.4	95	97	52-140	2	28	
Hexachloro-1,3-butadiene	ug/L	<12.8	20	20	21.6	21.7	108	109	41-132	1	27	
Isopropylbenzene (Cumene)	ug/L	<4.8	20	20	20.5	20.9	102	104	57-138	2	19	
Methyl-tert-butyl ether	ug/L	<2.3	20	20	20.3	20.3	102	102	62-127	0	21	
Methylene Chloride	ug/L	<20.2	20	20	19.2	19.1	96	96	68-125	0	24	
n-Butylbenzene	ug/L	<6.5	20	20	22.6	22.8	113	114	53-141	1	24	
n-Propylbenzene	ug/L	<4.0	20	20	20.5	21.0	102	105	49-149	2	20	
Naphthalene	ug/L	<14.0	20	20	18.9	18.2	95	91	45-141	4	28	
p-Isopropyltoluene	ug/L	<5.8	20	20	19.8	19.4	99	97	45-137	2	22	
sec-Butylbenzene	ug/L	<5.5	20	20	23.4	23.8	117	119	82-136	1	27	
Styrene	ug/L	<4.2	20	20	21.5	21.6	108	108	56-136	0	20	
tert-Butylbenzene	ug/L	<4.5	20	20	21.3	21.7	107	108	64-133	2	20	
Tetrachloroethene	ug/L	<3.8	20	20	20.3	21.0	102	105	59-133	3	28	
Toluene	ug/L	<4.5	20	20	20.0	19.7	83	82	56-137	2	21	
trans-1,2-Dichloroethene	ug/L	<3.8	20	20	19.6	20.0	98	100	70-130	2	24	
trans-1,3-Dichloropropene	ug/L	<4.2	20	20	20.6	21.4	103	107	69-121	4	24	
Trichloroethene	ug/L	<6.2	20	20	19.9	20.3	100	102	68-128	2	23	
Trichlorofluoromethane	ug/L	<6.0	20	20	23.9	23.9	120	119	65-149	0	25	
Vinyl chloride	ug/L	<6.2	20	20	16.3	16.7	63	66	51-148	3	23	
Xylene (Total)	ug/L	<13.5	60	60	62.3	61.3	104	102	59-139	1	22	
1,2-Dichloroethane-d4 (S)	%						98	101	86-117			
4-Bromofluorobenzene (S)	%						97	98	80-120			
Toluene-d8 (S)	%						102	98	80-120			
Preservation pH		1.0			1.0	1.0				0		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 678959
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: 60349310005

METHOD BLANK: 2745226
Matrix: Water
Associated Lab Samples: 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/25/20 11:51	
1,2-Dichloroethane-d4 (S)	%	101	86-117	09/25/20 11:51	
4-Bromofluorobenzene (S)	%	100	80-120	09/25/20 11:51	
Toluene-d8 (S)	%	99	80-120	09/25/20 11:51	

LABORATORY CONTROL SAMPLE: 2745227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	4140	103	55-125	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679955
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: 60349310003, 60349310004

METHOD BLANK: 2748829
Matrix: Water
Associated Lab Samples: 60349310003, 60349310004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/30/20 16:39	
1,2-Dichloroethane-d4 (S)	%	88	86-117	09/30/20 16:39	
4-Bromofluorobenzene (S)	%	96	80-120	09/30/20 16:39	
Toluene-d8 (S)	%	104	80-120	09/30/20 16:39	

LABORATORY CONTROL SAMPLE: 2748830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3530	88	55-125	
1,2-Dichloroethane-d4 (S)	%			86	86-117	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679040
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: 60349310001, 60349310002

METHOD BLANK: 2745544
Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/25/20 18:14	
1,2-Dichloroethane-d4 (S)	%	94	80-123	09/25/20 18:14	
4-Bromofluorobenzene (S)	%	97	69-133	09/25/20 18:14	
Toluene-d8 (S)	%	103	78-122	09/25/20 18:14	

LABORATORY CONTROL SAMPLE: 2745545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	2.9	71	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			94	69-133	
Toluene-d8 (S)	%			102	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2745546 2745547

Parameter	Units	60349385001 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)	%						105	104	80-123			
4-Bromofluorobenzene (S)	%						95	96	69-133			
Toluene-d8 (S)	%						101	101	78-122			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679572
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: 60349310007

METHOD BLANK: 2747693
Matrix: Solid
Associated Lab Samples: 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/29/20 10:10	
1,2-Dichloroethane-d4 (S)	%	95	80-123	09/29/20 10:10	
4-Bromofluorobenzene (S)	%	97	69-133	09/29/20 10:10	
Toluene-d8 (S)	%	104	78-122	09/29/20 10:10	

LABORATORY CONTROL SAMPLE: 2747694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	2.9	72	61-140	
1,2-Dichloroethane-d4 (S)	%			97	80-123	
4-Bromofluorobenzene (S)	%			97	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679537
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2747540 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	10/01/20 15:18	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	10/01/20 15:18	
Decachlorobiphenyl (S)	%	89	28-143	10/01/20 15:18	

LABORATORY CONTROL SAMPLE: 2747541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	148	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	152	93	56-128	
Decachlorobiphenyl (S)	%			87	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747542 2747543

Parameter	Units	60348944003 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	177	185	144	156	82	84	38-131	8	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	177	185	177	184	100	99	30-141	4	40	
Decachlorobiphenyl (S)	%						87	86	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 680394
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2750572
Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	10/02/20 14:24	
Decachlorobiphenyl (S)	%	72	30-136	10/02/20 14:24	

LABORATORY CONTROL SAMPLE: 2750573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.6	92	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	94	64-123	
Decachlorobiphenyl (S)	%			73	30-136	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679538
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2747544
Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,2-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,3-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,4-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
2,4,5-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dimethylphenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dinitrophenol	ug/kg	ND	1630	09/30/20 11:04	
2,4-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2,6-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2-Chloronaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Chlorophenol	ug/kg	ND	323	09/30/20 11:04	
2-Methylnaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	323	09/30/20 11:04	
2-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
2-Nitrophenol	ug/kg	ND	323	09/30/20 11:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	323	09/30/20 11:04	
3,3'-Dichlorobenzidine	ug/kg	ND	646	09/30/20 11:04	
3-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1630	09/30/20 11:04	
4-Bromophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Chloro-3-methylphenol	ug/kg	ND	646	09/30/20 11:04	
4-Chloroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Chlorophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Nitrophenol	ug/kg	ND	1630	09/30/20 11:04	
Acenaphthene	ug/kg	ND	323	09/30/20 11:04	
Acenaphthylene	ug/kg	ND	323	09/30/20 11:04	
Anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)pyrene	ug/kg	ND	323	09/30/20 11:04	
Benzo(b)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzo(g,h,i)perylene	ug/kg	ND	323	09/30/20 11:04	
Benzo(k)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzoic Acid	ug/kg	ND	1630	09/30/20 11:04	
Benzyl alcohol	ug/kg	ND	646	09/30/20 11:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroethyl) ether	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	323	09/30/20 11:04	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2747544 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	323	09/30/20 11:04	
Butylbenzylphthalate	ug/kg	ND	323	09/30/20 11:04	
Carbazole	ug/kg	ND	323	09/30/20 11:04	
Chrysene	ug/kg	ND	323	09/30/20 11:04	
Di-n-butylphthalate	ug/kg	ND	323	09/30/20 11:04	
Di-n-octylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dibenz(a,h)anthracene	ug/kg	ND	323	09/30/20 11:04	
Dibenzofuran	ug/kg	ND	323	09/30/20 11:04	
Diethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dimethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Fluorene	ug/kg	ND	323	09/30/20 11:04	
Hexachloro-1,3-butadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorobenzene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorocyclopentadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachloroethane	ug/kg	ND	323	09/30/20 11:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	323	09/30/20 11:04	
Isophorone	ug/kg	ND	323	09/30/20 11:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	323	09/30/20 11:04	
N-Nitrosodiphenylamine	ug/kg	ND	323	09/30/20 11:04	
Naphthalene	ug/kg	ND	323	09/30/20 11:04	
Nitrobenzene	ug/kg	ND	323	09/30/20 11:04	
Pentachlorophenol	ug/kg	ND	1630	09/30/20 11:04	
Phenanthrene	ug/kg	ND	323	09/30/20 11:04	
Phenol	ug/kg	ND	323	09/30/20 11:04	
Pyrene	ug/kg	ND	323	09/30/20 11:04	
Pyridine	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Tribromophenol (S)	%	80	41-108	09/30/20 11:04	
2-Fluorobiphenyl (S)	%	80	39-136	09/30/20 11:04	
2-Fluorophenol (S)	%	77	43-96	09/30/20 11:04	
Nitrobenzene-d5 (S)	%	81	33-132	09/30/20 11:04	
Phenol-d6 (S)	%	78	43-95	09/30/20 11:04	
Terphenyl-d14 (S)	%	85	29-131	09/30/20 11:04	

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1570	1220	78	52-104	
1,2-Dichlorobenzene	ug/kg	1570	1210	77	51-99	
1,3-Dichlorobenzene	ug/kg	1570	1190	76	48-102	
1,4-Dichlorobenzene	ug/kg	1570	1190	76	49-101	
2,4,5-Trichlorophenol	ug/kg	1570	1290	82	58-109	
2,4,6-Trichlorophenol	ug/kg	1570	1270	81	56-109	
2,4-Dichlorophenol	ug/kg	1570	1250	80	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1570	1260	80	49-104	
2,4-Dinitrophenol	ug/kg	1570	1250J	79	26-119	
2,4-Dinitrotoluene	ug/kg	1570	1310	83	60-109	
2,6-Dinitrotoluene	ug/kg	1570	1260	80	59-109	
2-Chloronaphthalene	ug/kg	1570	1220	78	56-104	
2-Chlorophenol	ug/kg	1570	1250	79	56-98	
2-Methylnaphthalene	ug/kg	1570	1270	81	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1570	1250	79	52-102	
2-Nitroaniline	ug/kg	1570	1260	80	54-113	
2-Nitrophenol	ug/kg	1570	1250	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1570	1250	79	52-102	
3,3'-Dichlorobenzidine	ug/kg	1570	850	54	19-126	
3-Nitroaniline	ug/kg	1570	883	56	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1570	1160J	74	37-117	
4-Bromophenylphenyl ether	ug/kg	1570	1230	78	60-106	
4-Chloro-3-methylphenol	ug/kg	1570	1300	83	55-107	
4-Chloroaniline	ug/kg	1570	690	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1570	1240	79	56-107	
4-Nitroaniline	ug/kg	1570	1260	80	52-113	
4-Nitrophenol	ug/kg	1570	1350J	86	53-114	
Acenaphthene	ug/kg	1570	1260	80	55-105	
Acenaphthylene	ug/kg	1570	1310	84	57-105	
Anthracene	ug/kg	1570	1250	79	59-106	
Benzo(a)anthracene	ug/kg	1570	1270	81	59-109	
Benzo(a)pyrene	ug/kg	1570	1260	80	59-109	
Benzo(b)fluoranthene	ug/kg	1570	1280	82	56-112	
Benzo(g,h,i)perylene	ug/kg	1570	1280	82	57-109	
Benzo(k)fluoranthene	ug/kg	1570	1290	82	57-107	
Benzoic Acid	ug/kg	1570	1770	112	10-96	L1
Benzyl alcohol	ug/kg	1570	1280	81	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1570	1200	76	52-102	
bis(2-Chloroethyl) ether	ug/kg	1570	1190	76	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1570	1240	79	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1570	1340	85	61-113	
Butylbenzylphthalate	ug/kg	1570	1280	82	62-110	
Carbazole	ug/kg	1570	1290	82	60-106	
Chrysene	ug/kg	1570	1310	83	58-108	
Di-n-butylphthalate	ug/kg	1570	1300	83	61-110	
Di-n-octylphthalate	ug/kg	1570	1350	86	58-114	
Dibenz(a,h)anthracene	ug/kg	1570	1300	83	57-109	
Dibenzofuran	ug/kg	1570	1230	78	56-106	
Diethylphthalate	ug/kg	1570	1260	80	57-107	
Dimethylphthalate	ug/kg	1570	1260	80	55-106	
Fluoranthene	ug/kg	1570	1250	79	60-109	
Fluorene	ug/kg	1570	1240	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1570	1250	79	50-106	
Hexachlorobenzene	ug/kg	1570	1210	77	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1570	1010	65	18-118	
Hexachloroethane	ug/kg	1570	1200	76	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1570	1290	82	58-108	
Isophorone	ug/kg	1570	1240	79	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1570	1210	77	50-101	
N-Nitrosodiphenylamine	ug/kg	1570	1260	80	58-107	
Naphthalene	ug/kg	1570	1220	78	51-103	
Nitrobenzene	ug/kg	1570	1240	79	51-104	
Pentachlorophenol	ug/kg	1570	1280J	82	43-123	
Phenanthrene	ug/kg	1570	1240	79	58-106	
Phenol	ug/kg	1570	1250	80	53-101	
Pyrene	ug/kg	1570	1290	82	60-108	
Pyridine	ug/kg	1570	905	58	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			78	39-136	
2-Fluorophenol (S)	%			73	43-96	
Nitrobenzene-d5 (S)	%			78	33-132	
Phenol-d6 (S)	%			72	43-95	
Terphenyl-d14 (S)	%			83	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1460	1490	78	76	42-102	2	26	
1,2-Dichlorobenzene	ug/kg	ND	1870	1940	1390	1430	75	74	45-96	3	31	
1,3-Dichlorobenzene	ug/kg	ND	1870	1940	1370	1400	74	72	44-95	2	31	
1,4-Dichlorobenzene	ug/kg	ND	1870	1940	1410	1440	75	74	45-95	2	30	
2,4,5-Trichlorophenol	ug/kg	ND	1870	1940	1530	1530	82	79	47-109	0	31	
2,4,6-Trichlorophenol	ug/kg	ND	1870	1940	1540	1550	82	80	14-133	1	31	
2,4-Dichlorophenol	ug/kg	ND	1870	1940	1490	1530	80	79	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	1870	1940	1480	1500	79	77	22-113	1	32	
2,4-Dinitrophenol	ug/kg	ND	1870	1940	983J	929J	53	48	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	10-133	0	32	
2,6-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	17-125	0	25	
2-Chloronaphthalene	ug/kg	ND	1870	1940	1470	1490	79	76	47-105	1	28	
2-Chlorophenol	ug/kg	ND	1870	1940	1460	1470	78	75	44-100	0	31	
2-Methylnaphthalene	ug/kg	ND	1870	1940	1510	1530	81	79	43-104	1	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1870	1940	1440	1450	77	74	37-105	0	32	
2-Nitroaniline	ug/kg	ND	1870	1940	1540	1520	82	78	44-117	1	28	
2-Nitrophenol	ug/kg	ND	1870	1940	1480	1530	79	78	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1870	1940	1460	1460	78	75	35-108	0	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1870	1940	1180	1210	63	62	10-133	2	39	
3-Nitroaniline	ug/kg	ND	1870	1940	1350	1310	72	67	10-124	3	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1230J	1110J	66	57	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1870	1940	1500	1480	80	76	47-109	1	33	
4-Chloro-3-methylphenol	ug/kg	ND	1870	1940	1560	1540	83	79	42-109	1	30	
4-Chloroaniline	ug/kg	ND	1870	1940	956	965	51	50	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1870	1940	1490	1500	80	77	46-106	0	33	
4-Nitroaniline	ug/kg	ND	1870	1940	1450	1510	78	77	11-126	4	47	
4-Nitrophenol	ug/kg	ND	1870	1940	1550J	1790J	83	92	18-130		35	
Acenaphthene	ug/kg	ND	1870	1940	1530	1550	82	80	44-104	1	23	
Acenaphthylene	ug/kg	ND	1870	1940	1590	1580	85	81	47-102	1	29	
Anthracene	ug/kg	ND	1870	1940	1490	1510	80	77	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	1870	1940	1540	1510	83	78	10-139	2	32	
Benzo(a)pyrene	ug/kg	ND	1870	1940	1460	1470	78	76	12-132	1	33	
Benzo(b)fluoranthene	ug/kg	ND	1870	1940	1580	1490	85	77	12-136	6	37	
Benzo(g,h,i)perylene	ug/kg	ND	1870	1940	1400	1420	75	73	22-119	2	41	
Benzo(k)fluoranthene	ug/kg	ND	1870	1940	1450	1580	77	81	32-113	9	32	
Benzoic Acid	ug/kg	ND	1870	1940	1890	1580J	101	81	10-101		35	
Benzyl alcohol	ug/kg	ND	1870	1940	1470	1450	78	75	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1870	1940	1420	1440	76	74	41-100	1	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1870	1940	1410	1420	76	73	46-100	0	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1870	1940	1450	1450	77	75	40-99	0	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1870	1940	1570	1570	84	81	24-141	0	33	
Butylbenzylphthalate	ug/kg	ND	1870	1940	1530	1500	82	77	41-131	2	33	
Carbazole	ug/kg	ND	1870	1940	1510	1520	81	78	41-107	1	30	
Chrysene	ug/kg	ND	1870	1940	1560	1520	83	78	10-137	2	31	
Di-n-butylphthalate	ug/kg	ND	1870	1940	1540	1530	82	79	41-118	0	31	
Di-n-octylphthalate	ug/kg	ND	1870	1940	1590	1620	85	83	40-138	2	29	
Dibenz(a,h)anthracene	ug/kg	ND	1870	1940	1460	1480	78	76	23-122	1	35	
Dibenzofuran	ug/kg	ND	1870	1940	1480	1490	79	76	49-101	1	28	
Diethylphthalate	ug/kg	ND	1870	1940	1520	1490	81	77	42-107	2	31	
Dimethylphthalate	ug/kg	ND	1870	1940	1510	1490	81	77	37-108	1	30	
Fluoranthene	ug/kg	ND	1870	1940	1480	1490	79	76	10-139	1	32	
Fluorene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	0	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1870	1940	1460	1480	78	76	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	1870	1940	1460	1460	78	75	46-105	0	31	
Hexachlorocyclopentadiene	ug/kg	ND	1870	1940	1080	1150	58	59	10-111	6	61	
Hexachloroethane	ug/kg	ND	1870	1940	1380	1420	74	73	11-119	2	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1870	1940	1470	1460	79	75	21-120	1	38	
Isophorone	ug/kg	ND	1870	1940	1480	1490	79	76	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1870	1940	1420	1450	76	74	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	1870	1940	1490	1510	80	77	41-108	1	36	
Naphthalene	ug/kg	ND	1870	1940	1460	1480	78	76	40-105	1	31	
Nitrobenzene	ug/kg	ND	1870	1940	1490	1500	80	77	35-106	1	29	
Pentachlorophenol	ug/kg	ND	1870	1940	1640J	1480J	88	76	10-144		35	
Phenanthrene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	1	29	
Phenol	ug/kg	ND	1870	1940	1470	1460	79	75	38-102	1	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1570	1520	84	78	10-147	3	38	
Pyridine	ug/kg	ND	1870	1940	895	812	48	42	10-79	10	35	
2,4,6-Tribromophenol (S)	%						78	72	41-108			
2-Fluorobiphenyl (S)	%						80	76	39-136			
2-Fluorophenol (S)	%						72	68	43-96			
Nitrobenzene-d5 (S)	%						80	74	33-132			
Phenol-d6 (S)	%						72	68	43-95			
Terphenyl-d14 (S)	%						84	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679544
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2747562 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.3	10/05/20 12:13	
TPH-ORO	mg/kg	ND	14.3	10/05/20 12:13	
2-Fluorobiphenyl (S)	%	91	39-136	10/05/20 12:13	
Nitrobenzene-d5 (S)	%	84	33-132	10/05/20 12:13	
Terphenyl-d14 (S)	%	100	29-131	10/05/20 12:13	

LABORATORY CONTROL SAMPLE: 2747563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	271	84	39-122	
2-Fluorobiphenyl (S)	%			90	39-136	
Nitrobenzene-d5 (S)	%			87	33-132	
Terphenyl-d14 (S)	%			100	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747564 2747565

Parameter	Units	60349310001 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	381	386	301	342	79	89	12-137	13	38	
2-Fluorobiphenyl (S)	%						84	93	39-136			
Nitrobenzene-d5 (S)	%						82	91	33-132			
Terphenyl-d14 (S)	%						92	100	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679493
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310004, 60349310005

METHOD BLANK: 2747442
Matrix: Water
Associated Lab Samples: 60349310003, 60349310004, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	09/30/20 14:25	
TPH-ORO	mg/L	ND	1.0	09/30/20 14:25	
2-Fluorobiphenyl (S)	%	57	29-108	09/30/20 14:25	
Nitrobenzene-d5 (S)	%	58	27-106	09/30/20 14:25	
Terphenyl-d14 (S)	%	50	34-129	09/30/20 14:25	

LABORATORY CONTROL SAMPLE: 2747443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	59.6	60	33-130	
2-Fluorobiphenyl (S)	%			56	29-108	
Nitrobenzene-d5 (S)	%			55	27-106	
Terphenyl-d14 (S)	%			59	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679482
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310003, 60349310005

METHOD BLANK: 2747387
Matrix: Water
Associated Lab Samples: 60349310003, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
2,4,5-Trichlorophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dichlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dimethylphenol	ug/L	ND	10.0	09/30/20 11:37	
2,4-Dinitrophenol	ug/L	ND	50.0	09/30/20 11:37	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/30/20 11:37	
2-Chloronaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Chlorophenol	ug/L	ND	10.0	09/30/20 11:37	
2-Methylnaphthalene	ug/L	ND	10.0	09/30/20 11:37	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/30/20 11:37	
2-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
2-Nitrophenol	ug/L	ND	10.0	09/30/20 11:37	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/30/20 11:37	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/30/20 11:37	
3-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	09/30/20 11:37	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/30/20 11:37	
4-Chloroaniline	ug/L	ND	20.0	09/30/20 11:37	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/30/20 11:37	
4-Nitroaniline	ug/L	ND	50.0	09/30/20 11:37	
4-Nitrophenol	ug/L	ND	50.0	09/30/20 11:37	
Acenaphthene	ug/L	ND	10.0	09/30/20 11:37	
Acenaphthylene	ug/L	ND	10.0	09/30/20 11:37	
Anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(a)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/30/20 11:37	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Benzoic Acid	ug/L	ND	50.0	09/30/20 11:37	
Benzyl alcohol	ug/L	ND	20.0	09/30/20 11:37	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/30/20 11:37	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/30/20 11:37	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2747387 Matrix: Water
Associated Lab Samples: 60349310003, 60349310005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	09/30/20 11:37	
Butylbenzylphthalate	ug/L	ND	20.0	09/30/20 11:37	
Carbazole	ug/L	ND	10.0	09/30/20 11:37	
Chrysene	ug/L	ND	10.0	09/30/20 11:37	
Di-n-butylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Di-n-octylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/30/20 11:37	
Dibenzofuran	ug/L	ND	10.0	09/30/20 11:37	
Diethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Dimethylphthalate	ug/L	ND	10.0	09/30/20 11:37	
Fluoranthene	ug/L	ND	10.0	09/30/20 11:37	
Fluorene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorobenzene	ug/L	ND	10.0	09/30/20 11:37	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/30/20 11:37	
Hexachloroethane	ug/L	ND	10.0	09/30/20 11:37	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/30/20 11:37	
Isophorone	ug/L	ND	10.0	09/30/20 11:37	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/30/20 11:37	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/30/20 11:37	
Naphthalene	ug/L	ND	10.0	09/30/20 11:37	
Nitrobenzene	ug/L	ND	10.0	09/30/20 11:37	
Pentachlorophenol	ug/L	ND	50.0	09/30/20 11:37	
Phenanthrene	ug/L	ND	10.0	09/30/20 11:37	
Phenol	ug/L	ND	10.0	09/30/20 11:37	
Pyrene	ug/L	ND	10.0	09/30/20 11:37	
Pyridine	ug/L	ND	10.0	09/30/20 11:37	
2,4,6-Tribromophenol (S)	%	73	16-114	09/30/20 11:37	
2-Fluorobiphenyl (S)	%	68	29-108	09/30/20 11:37	
2-Fluorophenol (S)	%	44	11-64	09/30/20 11:37	
Nitrobenzene-d5 (S)	%	72	27-106	09/30/20 11:37	
Phenol-d6 (S)	%	29	10-44	09/30/20 11:37	
Terphenyl-d14 (S)	%	89	34-129	09/30/20 11:37	

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	25.6	51	22-109	
1,2-Dichlorobenzene	ug/L	50	27.2	54	18-107	
1,3-Dichlorobenzene	ug/L	50	25.9	52	16-105	
1,4-Dichlorobenzene	ug/L	50	26.7	53	17-105	
2,4,5-Trichlorophenol	ug/L	50	37.9J	76	25-126	
2,4,6-Trichlorophenol	ug/L	50	36.7	73	23-124	
2,4-Dichlorophenol	ug/L	50	36.5	73	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	38.0	76	36-98	
2,4-Dinitrophenol	ug/L	50	37.1J	74	11-138	
2,4-Dinitrotoluene	ug/L	50	40.2	80	30-127	
2,6-Dinitrotoluene	ug/L	50	38.8	78	30-125	
2-Chloronaphthalene	ug/L	50	29.6	59	28-115	
2-Chlorophenol	ug/L	50	35.0	70	25-107	
2-Methylnaphthalene	ug/L	50	30.3	61	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	33.2	66	30-94	
2-Nitroaniline	ug/L	50	38.8J	78	29-126	
2-Nitrophenol	ug/L	50	35.3	71	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.5	61	26-89	
3,3'-Dichlorobenzidine	ug/L	50	44.5	89	24-140	
3-Nitroaniline	ug/L	50	38.8J	78	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	35.3J	71	21-135	
4-Bromophenylphenyl ether	ug/L	50	36.8	74	30-121	
4-Chloro-3-methylphenol	ug/L	50	39.1	78	28-117	
4-Chloroaniline	ug/L	50	36.4	73	22-136	
4-Chlorophenylphenyl ether	ug/L	50	35.9	72	30-119	
4-Nitroaniline	ug/L	50	40.6J	81	31-129	
4-Nitrophenol	ug/L	50	18J	36	10-64	
Acenaphthene	ug/L	50	34.4	69	29-117	
Acenaphthylene	ug/L	50	35.4	71	27-119	
Anthracene	ug/L	50	39.2	78	27-124	
Benzo(a)anthracene	ug/L	50	44.0	88	30-124	
Benzo(a)pyrene	ug/L	50	42.3	85	29-123	
Benzo(b)fluoranthene	ug/L	50	44.8	90	29-127	
Benzo(g,h,i)perylene	ug/L	50	43.6	87	30-124	
Benzo(k)fluoranthene	ug/L	50	40.7	81	29-125	
Benzoic Acid	ug/L	50	19.1J	38	10-71	
Benzyl alcohol	ug/L	50	38.2	76	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	35.6	71	29-115	
bis(2-Chloroethyl) ether	ug/L	50	36.6	73	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	36.3	73	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.7	95	35-128	
Butylbenzylphthalate	ug/L	50	48.5	97	28-114	
Carbazole	ug/L	50	41.1	82	31-124	
Chrysene	ug/L	50	43.6	87	31-124	
Di-n-butylphthalate	ug/L	50	45.4	91	29-130	
Di-n-octylphthalate	ug/L	50	49.5	99	27-135	
Dibenz(a,h)anthracene	ug/L	50	43.3	87	30-125	
Dibenzofuran	ug/L	50	34.1	68	30-118	
Diethylphthalate	ug/L	50	39.9	80	30-123	
Dimethylphthalate	ug/L	50	39.0	78	29-121	
Fluoranthene	ug/L	50	41.4	83	31-126	
Fluorene	ug/L	50	36.6	73	30-120	
Hexachloro-1,3-butadiene	ug/L	50	24.4	49	14-107	
Hexachlorobenzene	ug/L	50	36.6	73	29-123	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2747388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	20.1	40	10-56	
Hexachloroethane	ug/L	50	25.0	50	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	43.3	87	29-124	
Isophorone	ug/L	50	38.9	78	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	39.6	79	28-117	
N-Nitrosodiphenylamine	ug/L	50	39.1	78	30-122	
Naphthalene	ug/L	50	30.5	61	25-111	
Nitrobenzene	ug/L	50	35.0	70	28-116	
Pentachlorophenol	ug/L	50	41.8J	84	17-134	
Phenanthrene	ug/L	50	38.4	77	30-121	
Phenol	ug/L	50	15.2	30	10-58	
Pyrene	ug/L	50	41.8	84	31-124	
Pyridine	ug/L	50	15.4	31	10-73	
2,4,6-Tribromophenol (S)	%			80	16-114	
2-Fluorobiphenyl (S)	%			63	29-108	
2-Fluorophenol (S)	%			42	11-64	
Nitrobenzene-d5 (S)	%			71	27-106	
Phenol-d6 (S)	%			29	10-44	
Terphenyl-d14 (S)	%			87	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679795
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310004

METHOD BLANK: 2748452
Matrix: Water
Associated Lab Samples: 60349310004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
2,4,5-Trichlorophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dimethylphenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dinitrophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2-Chloronaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Chlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2-Methylnaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/05/20 09:51	
2-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
2-Nitrophenol	ug/L	ND	10.0	10/05/20 09:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/05/20 09:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/05/20 09:51	
3-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	10/05/20 09:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/05/20 09:51	
4-Chloroaniline	ug/L	ND	20.0	10/05/20 09:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4-Nitrophenol	ug/L	ND	50.0	10/05/20 09:51	
Acenaphthene	ug/L	ND	10.0	10/05/20 09:51	
Acenaphthylene	ug/L	ND	10.0	10/05/20 09:51	
Anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzoic Acid	ug/L	ND	50.0	10/05/20 09:51	
Benzyl alcohol	ug/L	ND	20.0	10/05/20 09:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/05/20 09:51	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

METHOD BLANK: 2748452 Matrix: Water
Associated Lab Samples: 60349310004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	10/05/20 09:51	
Butylbenzylphthalate	ug/L	ND	20.0	10/05/20 09:51	
Carbazole	ug/L	ND	10.0	10/05/20 09:51	
Chrysene	ug/L	ND	10.0	10/05/20 09:51	
Di-n-butylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Di-n-octylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Dibenzofuran	ug/L	ND	10.0	10/05/20 09:51	
Diethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dimethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Fluorene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloroethane	ug/L	ND	10.0	10/05/20 09:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Isophorone	ug/L	ND	10.0	10/05/20 09:51	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/05/20 09:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/05/20 09:51	
Naphthalene	ug/L	ND	10.0	10/05/20 09:51	
Nitrobenzene	ug/L	ND	10.0	10/05/20 09:51	
Pentachlorophenol	ug/L	ND	50.0	10/05/20 09:51	
Phenanthrene	ug/L	ND	10.0	10/05/20 09:51	
Phenol	ug/L	ND	10.0	10/05/20 09:51	
Pyrene	ug/L	ND	10.0	10/05/20 09:51	
Pyridine	ug/L	ND	10.0	10/05/20 09:51	
2,4,6-Tribromophenol (S)	%	58	16-114	10/05/20 09:51	
2-Fluorobiphenyl (S)	%	56	29-108	10/05/20 09:51	
2-Fluorophenol (S)	%	36	11-64	10/05/20 09:51	
Nitrobenzene-d5 (S)	%	54	27-106	10/05/20 09:51	
Phenol-d6 (S)	%	27	10-44	10/05/20 09:51	
Terphenyl-d14 (S)	%	84	34-129	10/05/20 09:51	

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	19.9	40	22-109	
1,2-Dichlorobenzene	ug/L	50	19.9	40	18-107	
1,3-Dichlorobenzene	ug/L	50	18.9	38	16-105	
1,4-Dichlorobenzene	ug/L	50	19.0	38	17-105	
2,4,5-Trichlorophenol	ug/L	50	25.8J	52	25-126	
2,4,6-Trichlorophenol	ug/L	50	25.2	50	23-124	
2,4-Dichlorophenol	ug/L	50	23.1	46	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	22.3	45	36-98	
2,4-Dinitrophenol	ug/L	50	28.9J	58	11-138	
2,4-Dinitrotoluene	ug/L	50	29.6	59	30-127	
2,6-Dinitrotoluene	ug/L	50	26.8	54	30-125	
2-Chloronaphthalene	ug/L	50	23.2	46	28-115	
2-Chlorophenol	ug/L	50	21.5	43	25-107	
2-Methylnaphthalene	ug/L	50	23.2	46	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	20.9	42	30-94	
2-Nitroaniline	ug/L	50	25.9J	52	29-126	
2-Nitrophenol	ug/L	50	23.4	47	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	19.7	39	26-89	
3,3'-Dichlorobenzidine	ug/L	50	31.7	63	24-140	
3-Nitroaniline	ug/L	50	25.6J	51	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	28.4J	57	21-135	
4-Bromophenylphenyl ether	ug/L	50	26.8	54	30-121	
4-Chloro-3-methylphenol	ug/L	50	25.0	50	28-117	
4-Chloroaniline	ug/L	50	17.3J	35	22-136	
4-Chlorophenylphenyl ether	ug/L	50	25.6	51	30-119	
4-Nitroaniline	ug/L	50	29.8J	60	31-129	
4-Nitrophenol	ug/L	50	18.2J	36	10-64	
Acenaphthene	ug/L	50	25.4	51	29-117	
Acenaphthylene	ug/L	50	26.3	53	27-119	
Anthracene	ug/L	50	28.9	58	27-124	
Benzo(a)anthracene	ug/L	50	36.6	73	30-124	
Benzo(a)pyrene	ug/L	50	35.7	71	29-123	
Benzo(b)fluoranthene	ug/L	50	37.1	74	29-127	
Benzo(g,h,i)perylene	ug/L	50	36.0	72	30-124	
Benzo(k)fluoranthene	ug/L	50	36.1	72	29-125	
Benzoic Acid	ug/L	50	14.9J	30	10-71	
Benzyl alcohol	ug/L	50	22.2	44	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	24.0	48	29-115	
bis(2-Chloroethyl) ether	ug/L	50	22.6	45	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	23.4	47	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.1	82	35-128	
Butylbenzylphthalate	ug/L	50	42.5	85	28-114	
Carbazole	ug/L	50	33.6	67	31-124	
Chrysene	ug/L	50	36.4	73	31-124	
Di-n-butylphthalate	ug/L	50	37.2	74	29-130	
Di-n-octylphthalate	ug/L	50	42.8	86	27-135	
Dibenz(a,h)anthracene	ug/L	50	35.8	72	30-125	
Dibenzofuran	ug/L	50	25.2	50	30-118	
Diethylphthalate	ug/L	50	30.8	62	30-123	
Dimethylphthalate	ug/L	50	28.1	56	29-121	
Fluoranthene	ug/L	50	33.4	67	31-126	
Fluorene	ug/L	50	26.5	53	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.3	37	14-107	
Hexachlorobenzene	ug/L	50	27.3	55	29-123	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	17.6	35	10-56	
Hexachloroethane	ug/L	50	17.6	35	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	35.5	71	29-124	
Isophorone	ug/L	50	25.9	52	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	24.9	50	28-117	
N-Nitrosodiphenylamine	ug/L	50	27.6	55	30-122	
Naphthalene	ug/L	50	22.5	45	25-111	
Nitrobenzene	ug/L	50	23.3	47	28-116	
Pentachlorophenol	ug/L	50	31.7J	63	17-134	
Phenanthrene	ug/L	50	29.9	60	30-121	
Phenol	ug/L	50	11.4	23	10-58	
Pyrene	ug/L	50	34.5	69	31-124	
Pyridine	ug/L	50	ND	5	10-73	1e
2,4,6-Tribromophenol (S)	%			59	16-114	
2-Fluorobiphenyl (S)	%			49	29-108	
2-Fluorophenol (S)	%			30	11-64	
Nitrobenzene-d5 (S)	%			48	27-106	
Phenol-d6 (S)	%			22	10-44	
Terphenyl-d14 (S)	%			74	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349310

QC Batch: 679004
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349310001, 60349310002, 60349310007

METHOD BLANK: 2745353 Matrix: Solid
Associated Lab Samples: 60349310001, 60349310002, 60349310007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/25/20 11:09	

SAMPLE DUPLICATE: 2745354

Parameter	Units	60349272001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	50.6	50.6	0	20	

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QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349310

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: 678959

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

ANALYTE QUALIFIERS

1e	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. Note: No further action was taken due to sample holding time violations.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
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.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349310001	**DPT-15-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349310002	**DPT-16-SO-(29-30)**	EPA 3546	679537	EPA 8082	680254
60349310007	**DPT-17-SO-(3-5)**	EPA 3546	679537	EPA 8082	680254
60349310003	**DPT-11-GW-(25-30)**	EPA 3510	680394	EPA 8082	680549
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 3510	680394	EPA 8082	680549
60349310005	**PINE LAWN-FB3**	EPA 3510	680394	EPA 8082	680549
60349310001	**DPT-15-SO-(29-30)**	EPA 3050	680402	EPA 6010	680676
60349310002	**DPT-16-SO-(29-30)**	EPA 3050	680402	EPA 6010	680676
60349310007	**DPT-17-SO-(3-5)**	EPA 3050	680402	EPA 6010	680676
60349310003	**DPT-11-GW-(25-30)**	EPA 3010	680575	EPA 6010	680761
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 3010	680575	EPA 6010	680761
60349310005	**PINE LAWN-FB3**	EPA 3010	680575	EPA 6010	680761
60349310003	**DPT-11-GW-(25-30)**	EPA 3010	680725	EPA 6010	680745
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 3010	680725	EPA 6010	680745
60349310005	**PINE LAWN-FB3**	EPA 3010	680725	EPA 6010	680745
60349310003	**DPT-11-GW-(25-30)**	EPA 7470	679620	EPA 7470	679743
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 7470	679620	EPA 7470	679743
60349310005	**PINE LAWN-FB3**	EPA 7470	679620	EPA 7470	679743
60349310003	**DPT-11-GW-(25-30)**	EPA 7470	679617	EPA 7470	679742
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 7470	679617	EPA 7470	679742
60349310005	**PINE LAWN-FB3**	EPA 7470	679617	EPA 7470	679742
60349310001	**DPT-15-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349310002	**DPT-16-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349310007	**DPT-17-SO-(3-5)**	EPA 7471	679970	EPA 7471	680181
60349310001	**DPT-15-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349310002	**DPT-16-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349310007	**DPT-17-SO-(3-5)**	EPA 3546	679538	EPA 8270	679906
60349310001	**DPT-15-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349310002	**DPT-16-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349310007	**DPT-17-SO-(3-5)**	EPA 3546	679544	EPA 8270	680716
60349310003	**DPT-11-GW-(25-30)**	EPA 3510C	679493	EPA 8270	679857
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 3510C	679493	EPA 8270	679857
60349310005	**PINE LAWN-FB3**	EPA 3510C	679493	EPA 8270	679857
60349310003	**DPT-11-GW-(25-30)**	EPA 3510	679482	EPA 8270	679841
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 3510	679795	EPA 8270	680727
60349310005	**PINE LAWN-FB3**	EPA 3510	679482	EPA 8270	679841
60349310001	**DPT-15-SO-(29-30)**	EPA 5035A/5030	679108	EPA 8260B	679119
60349310002	**DPT-16-SO-(29-30)**	EPA 5035A/5030	679108	EPA 8260B	679119
60349310007	**DPT-17-SO-(3-5)**	EPA 5035A/5030	679569	EPA 8260B	679647
60349310003	**DPT-11-GW-(25-30)**	EPA 5030B/8260	678965		
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 5030B/8260	678965		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349310005	**PINE LAWN-FB3**	EPA 5030B/8260	678965		
60349310006	**PINE LAWN-GW-TB6**	EPA 5030B/8260	678965		
60349310003	**DPT-11-GW-(25-30)**	EPA 8260	679955		
60349310004	**DPT-11-GW-(25-30)-FD**	EPA 8260	679955		
60349310005	**PINE LAWN-FB3**	EPA 8260	678959		
60349310001	**DPT-15-SO-(29-30)**	EPA 5035	679040	EPA 8260	679118
60349310002	**DPT-16-SO-(29-30)**	EPA 5035	679040	EPA 8260	679118
60349310007	**DPT-17-SO-(3-5)**	EPA 5035	679572	EPA 8260	679648
60349310001	**DPT-15-SO-(29-30)**	ASTM D2974	679004		
60349310002	**DPT-16-SO-(29-30)**	ASTM D2974	679004		
60349310007	**DPT-17-SO-(3-5)**	ASTM D2974	679004		

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Sample Condition Upon Receipt

WO# : 60349310

60349310

Client Name: TetraTech

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: T296 **Type of Ice:** Wet ☑ Blue None

Cooler Temperature (°C): **As-read** 3.8 **Corr. Factor** -0.4 **Corrected** 3.4

Date and initials of person examining contents: 9/24/20 HT

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/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# 603173	☑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	2 HCL water trips
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State: MO	☐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: _____

F-KS-C-003-Rev 11, February 28, 2018

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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.

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:	Pine Lawn
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: MO

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 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 Sodium Thiosulfate	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-15-SO-(29-30)	SL	G	09/23/20	1122				7	4						1	2	X	X	X	X	X	X			60349310
2	DPT-16-SO-(29-30)	SL	G	09/23/20	1149				7	4						1	2	X	X	X	X	X	X			
3	DPT-11-GW-(25-30)	WT	G	09/23/20	1215				13	6		2	5					X	X	X	X	X	X	X		
4	DPT-11-GW-(25-30)-FD	WT	G	09/23/20	1215				13	6		2	5					X	X	X	X	X	X	X		
5	Pine Lawn-FB3	WT	G	09/23/20	1353				13	6		2	5					X	X	X	X	X	X	X		
6	Pine Lawn-GW-TB6	WT	G	09/20/20	1355				2													X				
7	DPT-17-SO-(3-5)	SL	G	09/23/20	1522				7	4						1	2	X	X	X	X	X	X			
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Haley Tetra Tech	09/23/20	1549	Henry Fowler/PASI	9/24/20	0444	3.4	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: Thomas Haley & Stephanie Caples

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/23/20

*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

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

October 06, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349351

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 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.
Lenexa, KS 66219
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CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349351

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: PINE LAWN
Pace Project No.: 60349351

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349351001	**DPT-18-SO-(29-30)**	Solid	09/23/20 16:11	09/24/20 04:44
60349351002	**DPT-19-SO-(29-30)**	Solid	09/23/20 16:38	09/24/20 04:44
60349351003	**DPT-20-SO-(10-11)**	Solid	09/23/20 17:07	09/24/20 04:44
60349351004	**DPT-21-SO-(15-16)**	Solid	09/23/20 17:45	09/24/20 04:44
60349351005	**DPT-21-SO-(15-16)-FD**	Solid	09/23/20 17:45	09/24/20 04:44
60349351006	**PINE LAWN-SO-TB7**	Solid	09/23/20 18:07	09/24/20 04:44

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349351

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349351001	**DPT-18-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349351002	**DPT-19-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349351003	**DPT-20-SO-(10-11)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349351004	**DPT-21-SO-(15-16)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349351

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	68	PASI-K
		EPA 5035A/8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60349351006	**PINE LAWN-SO-TB7**	EPA 8260B	RAD	68	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-18-SO-(29-30) **Lab ID: 60349351001** Collected: 09/23/20 16:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	43.2	1	09/30/20 15:02	10/02/20 12:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.2	1	09/30/20 15:02	10/02/20 12:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	28-143	1	09/30/20 15:02	10/02/20 12:57	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**10.3**	mg/kg	0.81	1	10/02/20 10:03	10/05/20 20:33	7440-38-2	
Barium	**68.0**	mg/kg	0.41	1	10/02/20 10:03	10/05/20 20:33	7440-39-3	
Cadmium	**1.2**	mg/kg	0.41	1	10/02/20 10:03	10/05/20 20:33	7440-43-9	
Chromium	**33.5**	mg/kg	0.41	1	10/02/20 10:03	10/05/20 20:33	7440-47-3	
Lead	**20.5**	mg/kg	0.81	1	10/02/20 10:03	10/05/20 20:33	7439-92-1	
Selenium	ND	mg/kg	1.2	1	10/02/20 10:03	10/05/20 20:33	7782-49-2	
Silver	ND	mg/kg	0.57	1	10/02/20 10:03	10/05/20 20:33	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.068**	mg/kg	0.056	1	09/30/20 18:07	10/01/20 13:14	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	83-32-9	
Acenaphthylene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	208-96-8	
Anthracene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	207-08-9	
Benzoic Acid	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 20:39	65-85-0	L1
Benzyl alcohol	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	85-68-7	
Carbazole	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	59-50-7	
4-Chloroaniline	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	108-60-1	
2-Chloronaphthalene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	91-58-7	

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Lenexa, KS 66219
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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-18-SO-(29-30) **Lab ID: 60349351001** Collected: 09/23/20 16:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	387	1	09/29/20 13:22	09/30/20 20:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	7005-72-3	
Chrysene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	53-70-3	
Dibenzofuran	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	120-83-2	
Diethylphthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	105-67-9	
Dimethylphthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 20:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 20:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	117-81-7	
Fluoranthene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	206-44-0	
Fluorene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	87-68-3	
Hexachlorobenzene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	77-47-4	
Hexachloroethane	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	193-39-5	
Isophorone	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	78-59-1	
2-Methylnaphthalene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	15831-10-4	
Naphthalene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	91-20-3	
2-Nitroaniline	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	88-74-4	
3-Nitroaniline	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	99-09-2	
4-Nitroaniline	ND	ug/kg	775	1	09/29/20 13:22	09/30/20 20:39	100-01-6	
Nitrobenzene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	98-95-3	
2-Nitrophenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	88-75-5	
4-Nitrophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 20:39	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	86-30-6	
Pentachlorophenol	ND	ug/kg	1960	1	09/29/20 13:22	09/30/20 20:39	87-86-5	
Phenanthrene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	85-01-8	
Phenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	108-95-2	
Pyrene	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	129-00-0	
Pyridine	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-18-SO-(29-30) **Lab ID: 60349351001** Collected: 09/23/20 16:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	387	1	09/29/20 13:22	09/30/20 20:39	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	387	1	09/29/20 13:22	09/30/20 20:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%	33-132	1	09/29/20 13:22	09/30/20 20:39	4165-60-0	
2-Fluorobiphenyl (S)	68	%	39-136	1	09/29/20 13:22	09/30/20 20:39	321-60-8	
Terphenyl-d14 (S)	71	%	29-131	1	09/29/20 13:22	09/30/20 20:39	1718-51-0	
Phenol-d6 (S)	64	%	43-95	1	09/29/20 13:22	09/30/20 20:39	13127-88-3	
2-Fluorophenol (S)	64	%	43-96	1	09/29/20 13:22	09/30/20 20:39	367-12-4	
2,4,6-Tribromophenol (S)	67	%	41-108	1	09/29/20 13:22	09/30/20 20:39	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	17.6	1	09/30/20 14:55	10/05/20 14:31		
TPH-DRO	ND	mg/kg	17.6	1	09/30/20 14:55	10/05/20 14:31		
Surrogates								
Nitrobenzene-d5 (S)	82	%	33-132	1	09/30/20 14:55	10/05/20 14:31	4165-60-0	
2-Fluorobiphenyl (S)	88	%	39-136	1	09/30/20 14:55	10/05/20 14:31	321-60-8	
Terphenyl-d14 (S)	91	%	29-131	1	09/30/20 14:55	10/05/20 14:31	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	15.0	1	09/28/20 13:13	09/28/20 21:12	67-64-1	
Benzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-27-4	
Bromoform	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-25-2	
Bromomethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.5	1	09/28/20 13:13	09/28/20 21:12	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.8	1	09/28/20 13:13	09/28/20 21:12	98-06-6	
Carbon disulfide	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	108-90-7	
Chloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-00-3	
Chloroform	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	67-66-3	
Chloromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1	09/28/20 13:13	09/28/20 21:12	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-18-SO-(29-30) **Lab ID: 60349351001** Collected: 09/23/20 16:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	3.8	1	09/28/20 13:13	09/28/20 21:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	87-68-3	
2-Hexanone	ND	ug/kg	15.0	1	09/28/20 13:13	09/28/20 21:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	99-87-6	
Methylene Chloride	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.5	1	09/28/20 13:13	09/28/20 21:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	1634-04-4	
Naphthalene	ND	ug/kg	7.5	1	09/28/20 13:13	09/28/20 21:12	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	103-65-1	
Styrene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	127-18-4	
Toluene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	108-67-8	
Vinyl chloride	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	75-01-4	
Xylene (Total)	ND	ug/kg	3.8	1	09/28/20 13:13	09/28/20 21:12	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	09/28/20 13:13	09/28/20 21:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/28/20 13:13	09/28/20 21:12	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-18-SO-(29-30) **Lab ID: 60349351001** Collected: 09/23/20 16:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	110	%	78-118	1	09/28/20 13:13	09/28/20 21:12	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	0.47	1	09/29/20 09:02	09/29/20 10:26		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/29/20 09:02	09/29/20 10:26	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/29/20 09:02	09/29/20 10:26	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	80-123	1	09/29/20 09:02	09/29/20 10:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**15.9**	%	0.50	1		09/25/20 11:09		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-19-SO-(29-30) **Lab ID: 60349351002** Collected: 09/23/20 16:38 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	38.8	1	09/30/20 15:02	10/02/20 13:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.8	1	09/30/20 15:02	10/02/20 13:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/30/20 15:02	10/02/20 13:51	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**3.5**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:36	7440-38-2	
Barium	**76.7**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:36	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:36	7440-43-9	
Chromium	**30.3**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:36	7440-47-3	
Lead	**14.6**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:36	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/02/20 10:03	10/05/20 20:36	7782-49-2	
Silver	ND	mg/kg	0.74	1	10/02/20 10:03	10/05/20 20:36	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	09/30/20 18:07	10/01/20 13:16	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	208-96-8	
Anthracene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	207-08-9	
Benzoic Acid	ND	ug/kg	1930	1	09/29/20 13:22	10/05/20 23:49	65-85-0	L1
Benzyl alcohol	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	85-68-7	
Carbazole	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	59-50-7	
4-Chloroaniline	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-19-SO-(29-30) **Lab ID: 60349351002** Collected: 09/23/20 16:38 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	381	1	09/29/20 13:22	10/05/20 23:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	7005-72-3	
Chrysene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	120-83-2	
Diethylphthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	105-67-9	
Dimethylphthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1930	1	09/29/20 13:22	10/05/20 23:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/05/20 23:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	117-81-7	
Fluoranthene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	206-44-0	
Fluorene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	193-39-5	
Isophorone	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	78-59-1	
2-Methylnaphthalene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	15831-10-4	
Naphthalene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	91-20-3	
2-Nitroaniline	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	88-74-4	
3-Nitroaniline	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	99-09-2	
4-Nitroaniline	ND	ug/kg	762	1	09/29/20 13:22	10/05/20 23:49	100-01-6	
Nitrobenzene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	98-95-3	
2-Nitrophenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/05/20 23:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	86-30-6	
Pentachlorophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/05/20 23:49	87-86-5	
Phenanthrene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	85-01-8	
Phenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	108-95-2	
Pyrene	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	129-00-0	
Pyridine	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-19-SO-(29-30) **Lab ID: 60349351002** Collected: 09/23/20 16:38 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	381	1	09/29/20 13:22	10/05/20 23:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	09/29/20 13:22	10/05/20 23:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	33-132	1	09/29/20 13:22	10/05/20 23:49	4165-60-0	
2-Fluorobiphenyl (S)	65	%	39-136	1	09/29/20 13:22	10/05/20 23:49	321-60-8	
Terphenyl-d14 (S)	67	%	29-131	1	09/29/20 13:22	10/05/20 23:49	1718-51-0	
Phenol-d6 (S)	58	%	43-95	1	09/29/20 13:22	10/05/20 23:49	13127-88-3	
2-Fluorophenol (S)	59	%	43-96	1	09/29/20 13:22	10/05/20 23:49	367-12-4	
2,4,6-Tribromophenol (S)	37	%	41-108	1	09/29/20 13:22	10/05/20 23:49	118-79-6	S0
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	18.0	1	09/30/20 14:55	10/05/20 14:51		
TPH-DRO	ND	mg/kg	18.0	1	09/30/20 14:55	10/05/20 14:51		
Surrogates								
Nitrobenzene-d5 (S)	82	%	33-132	1	09/30/20 14:55	10/05/20 14:51	4165-60-0	
2-Fluorobiphenyl (S)	88	%	39-136	1	09/30/20 14:55	10/05/20 14:51	321-60-8	
Terphenyl-d14 (S)	93	%	29-131	1	09/30/20 14:55	10/05/20 14:51	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	13.4	1	09/28/20 13:13	09/28/20 21:27	67-64-1	
Benzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-27-4	
Bromoform	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.7	1	09/28/20 13:13	09/28/20 21:27	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.8	1	09/28/20 13:13	09/28/20 21:27	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-00-3	
Chloroform	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	1	09/28/20 13:13	09/28/20 21:27	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-19-SO-(29-30) **Lab ID: 60349351002** Collected: 09/23/20 16:38 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/28/20 13:13	09/28/20 21:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	87-68-3	
2-Hexanone	ND	ug/kg	13.4	1	09/28/20 13:13	09/28/20 21:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.7	1	09/28/20 13:13	09/28/20 21:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1	09/28/20 13:13	09/28/20 21:27	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	103-65-1	
Styrene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	127-18-4	
Toluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:27	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/28/20 13:13	09/28/20 21:27	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/28/20 13:13	09/28/20 21:27	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-19-SO-(29-30) **Lab ID: 60349351002** Collected: 09/23/20 16:38 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/28/20 13:13	09/28/20 21:27	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	0.36	1	09/29/20 09:02	09/29/20 10:41		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/29/20 09:02	09/29/20 10:41	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/29/20 09:02	09/29/20 10:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	80-123	1	09/29/20 09:02	09/29/20 10:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**16.8**	%	0.50	1		09/25/20 11:09		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-20-SO-(10-11) **Lab ID: 60349351003** Collected: 09/23/20 17:07 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	41.4	1	09/30/20 15:02	10/02/20 14:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	41.4	1	09/30/20 15:02	10/02/20 14:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/30/20 15:02	10/02/20 14:08	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**12.4**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:39	7440-38-2	
Barium	**179**	mg/kg	0.57	1	10/02/20 10:03	10/05/20 20:39	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	10/02/20 10:03	10/05/20 20:39	7440-43-9	
Chromium	**25.0**	mg/kg	0.57	1	10/02/20 10:03	10/05/20 20:39	7440-47-3	
Lead	**42.3**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:39	7439-92-1	
Selenium	ND	mg/kg	1.7	1	10/02/20 10:03	10/05/20 20:39	7782-49-2	
Silver	ND	mg/kg	0.80	1	10/02/20 10:03	10/05/20 20:39	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.063	1	09/30/20 18:07	10/01/20 13:19	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	83-32-9	
Acenaphthylene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	208-96-8	
Anthracene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	207-08-9	
Benzoic Acid	ND	ug/kg	2050	1	09/29/20 13:22	10/06/20 00:10	65-85-0	L1
Benzyl alcohol	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	101-55-3	
Butylbenzylphthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	85-68-7	
Carbazole	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	59-50-7	
4-Chloroaniline	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	108-60-1	
2-Chloronaphthalene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-20-SO-(10-11) **Lab ID: 60349351003** Collected: 09/23/20 17:07 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	405	1	09/29/20 13:22	10/06/20 00:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	7005-72-3	
Chrysene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	53-70-3	
Dibenzofuran	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	120-83-2	
Diethylphthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	105-67-9	
Dimethylphthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	131-11-3	
Di-n-butylphthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2050	1	09/29/20 13:22	10/06/20 00:10	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1	09/29/20 13:22	10/06/20 00:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	606-20-2	
Di-n-octylphthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	117-81-7	
Fluoranthene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	206-44-0	
Fluorene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	87-68-3	
Hexachlorobenzene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	77-47-4	
Hexachloroethane	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	193-39-5	
Isophorone	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	78-59-1	
2-Methylnaphthalene	**2390**	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	15831-10-4	
Naphthalene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	91-20-3	
2-Nitroaniline	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	88-74-4	
3-Nitroaniline	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	99-09-2	
4-Nitroaniline	ND	ug/kg	809	1	09/29/20 13:22	10/06/20 00:10	100-01-6	
Nitrobenzene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	98-95-3	
2-Nitrophenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	1	09/29/20 13:22	10/06/20 00:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	86-30-6	
Pentachlorophenol	ND	ug/kg	2050	1	09/29/20 13:22	10/06/20 00:10	87-86-5	
Phenanthrene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	85-01-8	
Phenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	108-95-2	
Pyrene	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	129-00-0	
Pyridine	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-20-SO-(10-11) **Lab ID: 60349351003** Collected: 09/23/20 17:07 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	405	1	09/29/20 13:22	10/06/20 00:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	405	1	09/29/20 13:22	10/06/20 00:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%	33-132	1	09/29/20 13:22	10/06/20 00:10	4165-60-0	
2-Fluorobiphenyl (S)	67	%	39-136	1	09/29/20 13:22	10/06/20 00:10	321-60-8	
Terphenyl-d14 (S)	71	%	29-131	1	09/29/20 13:22	10/06/20 00:10	1718-51-0	
Phenol-d6 (S)	63	%	43-95	1	09/29/20 13:22	10/06/20 00:10	13127-88-3	
2-Fluorophenol (S)	62	%	43-96	1	09/29/20 13:22	10/06/20 00:10	367-12-4	
2,4,6-Tribromophenol (S)	63	%	41-108	1	09/29/20 13:22	10/06/20 00:10	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	09/30/20 14:55	10/05/20 15:11		
TPH-DRO	**205**	mg/kg	18.7	1	09/30/20 14:55	10/05/20 15:11		
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	09/30/20 14:55	10/05/20 15:11	4165-60-0	
2-Fluorobiphenyl (S)	91	%	39-136	1	09/30/20 14:55	10/05/20 15:11	321-60-8	
Terphenyl-d14 (S)	96	%	29-131	1	09/30/20 14:55	10/05/20 15:11	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	4070	5	09/28/20 13:22	09/29/20 03:23	67-64-1	
Benzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	71-43-2	
Bromobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	108-86-1	
Bromochloromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	74-97-5	
Bromodichloromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-27-4	
Bromoform	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-25-2	
Bromomethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2040	5	09/28/20 13:22	09/29/20 03:23	78-93-3	
n-Butylbenzene	**2460**	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	104-51-8	
sec-Butylbenzene	**1030**	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	5090	5	09/28/20 13:22	09/29/20 03:23	98-06-6	
Carbon disulfide	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	56-23-5	
Chlorobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	108-90-7	
Chloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-00-3	
Chloroform	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	67-66-3	
Chloromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2040	5	09/28/20 13:22	09/29/20 03:23	96-12-8	
Dibromochloromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	106-93-4	
Dibromomethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-20-SO-(10-11) **Lab ID: 60349351003** Collected: 09/23/20 17:07 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	1020	5	09/28/20 13:22	09/29/20 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	540-59-0	
1,1-Dichloroethene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	10061-02-6	
Ethylbenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	87-68-3	
2-Hexanone	ND	ug/kg	4070	5	09/28/20 13:22	09/29/20 03:23	591-78-6	
Isopropylbenzene (Cumene)	**2190**	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	99-87-6	
Methylene Chloride	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2040	5	09/28/20 13:22	09/29/20 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	1634-04-4	
Naphthalene	ND	ug/kg	2040	5	09/28/20 13:22	09/29/20 03:23	91-20-3	
n-Propylbenzene	**7230**	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	103-65-1	
Styrene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	79-34-5	
Tetrachloroethene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	127-18-4	
Toluene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	79-00-5	
Trichloroethene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	108-67-8	
Vinyl chloride	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	75-01-4	
Xylene (Total)	ND	ug/kg	1020	5	09/28/20 13:22	09/29/20 03:23	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	5	09/28/20 13:22	09/29/20 03:23	2037-26-5	
4-Bromofluorobenzene (S)	98	%	83-119	5	09/28/20 13:22	09/29/20 03:23	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-20-SO-(10-11) **Lab ID: 60349351003** Collected: 09/23/20 17:07 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	94	%	78-118	5	09/28/20 13:22	09/29/20 03:23	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	**529**	mg/kg	102	5	09/28/20 13:48	09/29/20 16:50		
Surrogates								
Toluene-d8 (S)	103	%	80-120	5	09/28/20 13:48	09/29/20 16:50	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	5	09/28/20 13:48	09/29/20 16:50	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	78-118	5	09/28/20 13:48	09/29/20 16:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**20.4**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16) **Lab ID: 60349351004** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	40.3	1	09/30/20 15:02	10/02/20 14:26	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.3	1	09/30/20 15:02	10/02/20 14:26	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	92	%	28-143	1	09/30/20 15:02	10/02/20 14:26	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**7.3**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:41	7440-38-2	
Barium	**124**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:41	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:41	7440-43-9	
Chromium	**26.2**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:41	7440-47-3	
Lead	**15.5**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:41	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/02/20 10:03	10/05/20 20:41	7782-49-2	
Silver	ND	mg/kg	0.75	1	10/02/20 10:03	10/05/20 20:41	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	09/30/20 18:07	10/01/20 13:21	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	83-32-9	
Acenaphthylene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	208-96-8	
Anthracene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	207-08-9	
Benzoic Acid	ND	ug/kg	2000	1	09/29/20 13:22	10/06/20 00:32	65-85-0	L1
Benzyl alcohol	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	85-68-7	
Carbazole	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	59-50-7	
4-Chloroaniline	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16) **Lab ID: 60349351004** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	396	1	09/29/20 13:22	10/06/20 00:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	7005-72-3	
Chrysene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	53-70-3	
Dibenzofuran	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	120-83-2	
Diethylphthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	105-67-9	
Dimethylphthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	1	09/29/20 13:22	10/06/20 00:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2000	1	09/29/20 13:22	10/06/20 00:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	117-81-7	
Fluoranthene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	206-44-0	
Fluorene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	77-47-4	
Hexachloroethane	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	193-39-5	
Isophorone	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	78-59-1	
2-Methylnaphthalene	**1380**	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	15831-10-4	
Naphthalene	**2110**	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	91-20-3	
2-Nitroaniline	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	88-74-4	
3-Nitroaniline	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	99-09-2	
4-Nitroaniline	ND	ug/kg	791	1	09/29/20 13:22	10/06/20 00:32	100-01-6	
Nitrobenzene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	98-95-3	
2-Nitrophenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	88-75-5	
4-Nitrophenol	ND	ug/kg	2000	1	09/29/20 13:22	10/06/20 00:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	86-30-6	
Pentachlorophenol	ND	ug/kg	2000	1	09/29/20 13:22	10/06/20 00:32	87-86-5	
Phenanthrene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	85-01-8	
Phenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	108-95-2	
Pyrene	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	129-00-0	
Pyridine	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16) **Lab ID: 60349351004** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	396	1	09/29/20 13:22	10/06/20 00:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	1	09/29/20 13:22	10/06/20 00:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	90	%	33-132	1	09/29/20 13:22	10/06/20 00:32	4165-60-0	
2-Fluorobiphenyl (S)	64	%	39-136	1	09/29/20 13:22	10/06/20 00:32	321-60-8	
Terphenyl-d14 (S)	63	%	29-131	1	09/29/20 13:22	10/06/20 00:32	1718-51-0	
Phenol-d6 (S)	56	%	43-95	1	09/29/20 13:22	10/06/20 00:32	13127-88-3	
2-Fluorophenol (S)	57	%	43-96	1	09/29/20 13:22	10/06/20 00:32	367-12-4	
2,4,6-Tribromophenol (S)	55	%	41-108	1	09/29/20 13:22	10/06/20 00:32	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	17.8	1	09/30/20 14:55	10/05/20 15:30		
TPH-DRO	**841**	mg/kg	17.8	1	09/30/20 14:55	10/05/20 15:30		
Surrogates								
Nitrobenzene-d5 (S)	129	%	33-132	1	09/30/20 14:55	10/05/20 15:30	4165-60-0	
2-Fluorobiphenyl (S)	93	%	39-136	1	09/30/20 14:55	10/05/20 15:30	321-60-8	
Terphenyl-d14 (S)	93	%	29-131	1	09/30/20 14:55	10/05/20 15:30	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	3320	5	09/28/20 13:22	09/29/20 03:38	67-64-1	
Benzene	**3950**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	71-43-2	
Bromobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	108-86-1	
Bromochloromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	74-97-5	
Bromodichloromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-27-4	
Bromoform	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-25-2	
Bromomethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1660	5	09/28/20 13:22	09/29/20 03:38	78-93-3	
n-Butylbenzene	**2100**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	104-51-8	
sec-Butylbenzene	**1990**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	4150	5	09/28/20 13:22	09/29/20 03:38	98-06-6	
Carbon disulfide	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	56-23-5	
Chlorobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	108-90-7	
Chloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-00-3	
Chloroform	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	67-66-3	
Chloromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1660	5	09/28/20 13:22	09/29/20 03:38	96-12-8	
Dibromochloromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	106-93-4	
Dibromomethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16) **Lab ID: 60349351004** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	831	5	09/28/20 13:22	09/29/20 03:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	540-59-0	
1,1-Dichloroethene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	10061-02-6	
Ethylbenzene	**9830**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	87-68-3	
2-Hexanone	ND	ug/kg	3320	5	09/28/20 13:22	09/29/20 03:38	591-78-6	
Isopropylbenzene (Cumene)	**5670**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	98-82-8	
p-Isopropyltoluene	**1560**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	99-87-6	
Methylene Chloride	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1660	5	09/28/20 13:22	09/29/20 03:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	1634-04-4	
Naphthalene	**3080**	ug/kg	1660	5	09/28/20 13:22	09/29/20 03:38	91-20-3	
n-Propylbenzene	**6810**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	103-65-1	
Styrene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	79-34-5	
Tetrachloroethene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	127-18-4	
Toluene	**929**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	79-00-5	
Trichloroethene	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	96-18-4	
1,2,4-Trimethylbenzene	**17600**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	95-63-6	
1,3,5-Trimethylbenzene	**3210**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	108-67-8	
Vinyl chloride	ND	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	75-01-4	
Xylene (Total)	**12000**	ug/kg	831	5	09/28/20 13:22	09/29/20 03:38	1330-20-7	
Surrogates								
Toluene-d8 (S)	108	%	80-120	5	09/28/20 13:22	09/29/20 03:38	2037-26-5	
4-Bromofluorobenzene (S)	96	%	83-119	5	09/28/20 13:22	09/29/20 03:38	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16) **Lab ID: 60349351004** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	93	%	78-118	5	09/28/20 13:22	09/29/20 03:38	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	**1070**	mg/kg	83.1	5	09/28/20 13:48	09/29/20 17:05		
Surrogates								
Toluene-d8 (S)	111	%	80-120	5	09/28/20 13:48	09/29/20 17:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	5	09/28/20 13:48	09/29/20 17:05	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	78-118	5	09/28/20 13:48	09/29/20 17:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**19.3**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16)-FD **Lab ID: 60349351005** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	39.2	1	09/30/20 15:02	10/02/20 14:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.2	1	09/30/20 15:02	10/02/20 14:44	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/30/20 15:02	10/02/20 14:44	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	1.1	1	10/02/20 10:03	10/05/20 20:43	7440-38-2	
Barium	**124**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:43	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:43	7440-43-9	
Chromium	**27.2**	mg/kg	0.53	1	10/02/20 10:03	10/05/20 20:43	7440-47-3	
Lead	**13.0**	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:43	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/02/20 10:03	10/05/20 20:43	7782-49-2	
Silver	ND	mg/kg	0.75	1	10/02/20 10:03	10/05/20 20:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.050	1	09/30/20 18:07	10/01/20 13:23	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	83-32-9	
Acenaphthylene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	208-96-8	
Anthracene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	207-08-9	
Benzoic Acid	ND	ug/kg	2010	1	09/29/20 13:22	10/06/20 00:53	65-85-0	L1
Benzyl alcohol	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	85-68-7	
Carbazole	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	59-50-7	
4-Chloroaniline	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	108-60-1	
2-Chloronaphthalene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16)-FD **Lab ID: 60349351005** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	397	1	09/29/20 13:22	10/06/20 00:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	7005-72-3	
Chrysene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	53-70-3	
Dibenzofuran	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	120-83-2	
Diethylphthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	105-67-9	
Dimethylphthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2010	1	09/29/20 13:22	10/06/20 00:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2010	1	09/29/20 13:22	10/06/20 00:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	117-81-7	
Fluoranthene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	206-44-0	
Fluorene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	77-47-4	
Hexachloroethane	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	193-39-5	
Isophorone	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	78-59-1	
2-Methylnaphthalene	**1770**	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	15831-10-4	
Naphthalene	**2510**	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	91-20-3	
2-Nitroaniline	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	88-74-4	
3-Nitroaniline	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	99-09-2	
4-Nitroaniline	ND	ug/kg	794	1	09/29/20 13:22	10/06/20 00:53	100-01-6	
Nitrobenzene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	98-95-3	
2-Nitrophenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2010	1	09/29/20 13:22	10/06/20 00:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	86-30-6	
Pentachlorophenol	ND	ug/kg	2010	1	09/29/20 13:22	10/06/20 00:53	87-86-5	
Phenanthrene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	85-01-8	
Phenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	108-95-2	
Pyrene	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	129-00-0	
Pyridine	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16)-FD **Lab ID: 60349351005** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	397	1	09/29/20 13:22	10/06/20 00:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	397	1	09/29/20 13:22	10/06/20 00:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	105	%	33-132	1	09/29/20 13:22	10/06/20 00:53	4165-60-0	
2-Fluorobiphenyl (S)	68	%	39-136	1	09/29/20 13:22	10/06/20 00:53	321-60-8	
Terphenyl-d14 (S)	68	%	29-131	1	09/29/20 13:22	10/06/20 00:53	1718-51-0	
Phenol-d6 (S)	58	%	43-95	1	09/29/20 13:22	10/06/20 00:53	13127-88-3	
2-Fluorophenol (S)	60	%	43-96	1	09/29/20 13:22	10/06/20 00:53	367-12-4	
2,4,6-Tribromophenol (S)	61	%	41-108	1	09/29/20 13:22	10/06/20 00:53	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	18.0	1	09/30/20 14:55	10/05/20 15:50		
TPH-DRO	**701**	mg/kg	18.0	1	09/30/20 14:55	10/05/20 15:50		
Surrogates								
Nitrobenzene-d5 (S)	121	%	33-132	1	09/30/20 14:55	10/05/20 15:50	4165-60-0	
2-Fluorobiphenyl (S)	91	%	39-136	1	09/30/20 14:55	10/05/20 15:50	321-60-8	
Terphenyl-d14 (S)	91	%	29-131	1	09/30/20 14:55	10/05/20 15:50	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	3600	5	09/28/20 13:22	09/29/20 03:54	67-64-1	
Benzene	**3320**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	71-43-2	
Bromobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	108-86-1	
Bromochloromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	74-97-5	
Bromodichloromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-27-4	
Bromoform	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-25-2	
Bromomethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1800	5	09/28/20 13:22	09/29/20 03:54	78-93-3	
n-Butylbenzene	**2410**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	104-51-8	
sec-Butylbenzene	**2140**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	4500	5	09/28/20 13:22	09/29/20 03:54	98-06-6	
Carbon disulfide	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	56-23-5	
Chlorobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	108-90-7	
Chloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-00-3	
Chloroform	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	67-66-3	
Chloromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1800	5	09/28/20 13:22	09/29/20 03:54	96-12-8	
Dibromochloromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	106-93-4	
Dibromomethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16)-FD **Lab ID: 60349351005** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	900	5	09/28/20 13:22	09/29/20 03:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	10061-02-6	
Ethylbenzene	**8680**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	87-68-3	
2-Hexanone	ND	ug/kg	3600	5	09/28/20 13:22	09/29/20 03:54	591-78-6	
Isopropylbenzene (Cumene)	**5350**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	98-82-8	
p-Isopropyltoluene	**1760**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	99-87-6	
Methylene Chloride	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1800	5	09/28/20 13:22	09/29/20 03:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	1634-04-4	
Naphthalene	**3030**	ug/kg	1800	5	09/28/20 13:22	09/29/20 03:54	91-20-3	
n-Propylbenzene	**6620**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	103-65-1	
Styrene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	79-34-5	
Tetrachloroethene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	127-18-4	
Toluene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	79-00-5	
Trichloroethene	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	96-18-4	
1,2,4-Trimethylbenzene	**22200**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	95-63-6	
1,3,5-Trimethylbenzene	**3930**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	108-67-8	
Vinyl chloride	ND	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	75-01-4	
Xylene (Total)	**12300**	ug/kg	900	5	09/28/20 13:22	09/29/20 03:54	1330-20-7	
Surrogates								
Toluene-d8 (S)	109	%	80-120	5	09/28/20 13:22	09/29/20 03:54	2037-26-5	
4-Bromofluorobenzene (S)	97	%	83-119	5	09/28/20 13:22	09/29/20 03:54	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: DPT-21-SO-(15-16)-FD **Lab ID: 60349351005** Collected: 09/23/20 17:45 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	93	%	78-118	5	09/28/20 13:22	09/29/20 03:54	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	**1510**	mg/kg	90.0	5	09/28/20 13:48	09/29/20 17:21		
Surrogates								
Toluene-d8 (S)	109	%	80-120	5	09/28/20 13:48	09/29/20 17:21	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	5	09/28/20 13:48	09/29/20 17:21	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	78-118	5	09/28/20 13:48	09/29/20 17:21	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**19.0**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: PINE LAWN-SO-TB7 **Lab ID: 60349351006** Collected: 09/23/20 18:07 Received: 09/24/20 04:44 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	09/26/20 10:39	09/26/20 16:24	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:24	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/26/20 10:39	09/26/20 16:24	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:24	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/26/20 10:39	09/26/20 16:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349351

Sample: PINE LAWN-SO-TB7 **Lab ID: 60349351006** Collected: 09/23/20 18:07 Received: 09/24/20 04:44 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	09/26/20 10:39	09/26/20 16:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:24	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	127-18-4	
Toluene	**8.4**	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:24	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	09/26/20 10:39	09/26/20 16:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/26/20 10:39	09/26/20 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	78-118	1	09/26/20 10:39	09/26/20 16:24	17060-07-0	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2748882 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 680402
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2750588 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 20:10	
Barium	mg/kg	ND	0.50	10/05/20 20:10	
Cadmium	mg/kg	ND	0.50	10/05/20 20:10	
Chromium	mg/kg	ND	0.50	10/05/20 20:10	
Lead	mg/kg	ND	1.0	10/05/20 20:10	
Selenium	mg/kg	ND	1.5	10/05/20 20:10	
Silver	mg/kg	ND	0.70	10/05/20 20:10	

LABORATORY CONTROL SAMPLE: 2750589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	98.5	98	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	95.9	96	80-120	
Chromium	mg/kg	100	102	102	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	91.8	92	80-120	
Silver	mg/kg	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750590 2750591

Parameter	Units	60349310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.8	92.7	94.2	87.0	89.8	84	86	75-125	3	20	
Barium	mg/kg	515	92.7	94.2	658	1070	155	586	75-125	47	20	M1,R1
Cadmium	mg/kg	0.66	92.7	94.2	78.0	75.8	83	80	75-125	3	20	E
Chromium	mg/kg	35.6	92.7	94.2	130	141	102	112	75-125	8	20	E
Lead	mg/kg	20.1	92.7	94.2	103	108	90	93	75-125	4	20	E
Selenium	mg/kg	ND	92.7	94.2	73.7	70.6	80	75	75-125	4	20	E
Silver	mg/kg	ND	46.4	47.1	42.0	42.0	89	88	75-125	0	20	E

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679165
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: 60349351006

METHOD BLANK: 2746317
Matrix: Solid
Associated Lab Samples: 60349351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/26/20 11:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,3-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
2,2-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
2-Butanone (MEK)	ug/kg	ND	10.0	09/26/20 11:27	
2-Chlorotoluene	ug/kg	ND	5.0	09/26/20 11:27	
2-Hexanone	ug/kg	ND	20.0	09/26/20 11:27	
4-Chlorotoluene	ug/kg	ND	5.0	09/26/20 11:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/26/20 11:27	
Acetone	ug/kg	ND	20.0	09/26/20 11:27	
Benzene	ug/kg	ND	5.0	09/26/20 11:27	
Bromobenzene	ug/kg	ND	5.0	09/26/20 11:27	
Bromochloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Bromodichloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Bromoform	ug/kg	ND	5.0	09/26/20 11:27	
Bromomethane	ug/kg	ND	5.0	09/26/20 11:27	
Carbon disulfide	ug/kg	ND	5.0	09/26/20 11:27	
Carbon tetrachloride	ug/kg	ND	5.0	09/26/20 11:27	
Chlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
Chloroethane	ug/kg	ND	5.0	09/26/20 11:27	
Chloroform	ug/kg	ND	5.0	09/26/20 11:27	
Chloromethane	ug/kg	ND	5.0	09/26/20 11:27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

METHOD BLANK: 2746317 Matrix: Solid
Associated Lab Samples: 60349351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
Dibromochloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Dibromomethane	ug/kg	ND	5.0	09/26/20 11:27	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/26/20 11:27	
Ethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/26/20 11:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/26/20 11:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/26/20 11:27	
Methylene Chloride	ug/kg	ND	5.0	09/26/20 11:27	
n-Butylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
n-Propylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Naphthalene	ug/kg	ND	10.0	09/26/20 11:27	
p-Isopropyltoluene	ug/kg	ND	5.0	09/26/20 11:27	
sec-Butylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Styrene	ug/kg	ND	5.0	09/26/20 11:27	
tert-Butylbenzene	ug/kg	ND	25.0	09/26/20 11:27	
Tetrachloroethene	ug/kg	ND	5.0	09/26/20 11:27	
Toluene	ug/kg	ND	5.0	09/26/20 11:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
Trichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
Trichlorofluoromethane	ug/kg	ND	5.0	09/26/20 11:27	
Vinyl chloride	ug/kg	ND	5.0	09/26/20 11:27	
Xylene (Total)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethane-d4 (S)	%	97	78-118	09/26/20 11:27	
4-Bromofluorobenzene (S)	%	96	85-115	09/26/20 11:27	
Toluene-d8 (S)	%	103	80-120	09/26/20 11:27	

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	112	112	84-125	
1,1,1-Trichloroethane	ug/kg	100	107	107	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	99.3	99	76-121	
1,1,2-Trichloroethane	ug/kg	100	107	107	83-118	
1,1-Dichloroethane	ug/kg	100	107	107	74-120	
1,1-Dichloroethene	ug/kg	100	105	105	71-124	
1,1-Dichloropropene	ug/kg	100	94.2	94	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	111	111	81-123	
1,2,3-Trichloropropane	ug/kg	100	103	103	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	113	113	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	108	108	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	99.8	100	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	109	109	64-137	
1,2-Dichlorobenzene	ug/kg	100	108	108	83-119	
1,2-Dichloroethane	ug/kg	100	94.9	95	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	212	106	82-117	
1,2-Dichloropropane	ug/kg	100	101	101	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	109	109	81-122	
1,3-Dichlorobenzene	ug/kg	100	109	109	83-119	
1,3-Dichloropropane	ug/kg	100	105	105	83-118	
1,4-Dichlorobenzene	ug/kg	100	102	102	83-116	
2,2-Dichloropropane	ug/kg	100	105	105	76-124	
2-Butanone (MEK)	ug/kg	500	475	95	63-122	
2-Chlorotoluene	ug/kg	100	105	105	79-119	
2-Hexanone	ug/kg	500	493	99	68-122	
4-Chlorotoluene	ug/kg	100	108	108	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	488	98	63-128	
Acetone	ug/kg	500	463	93	55-124	
Benzene	ug/kg	100	99.7	100	67-126	
Bromobenzene	ug/kg	100	107	107	85-117	
Bromochloromethane	ug/kg	100	108	108	78-122	
Bromodichloromethane	ug/kg	100	106	106	82-120	
Bromoform	ug/kg	100	122	122	77-133	
Bromomethane	ug/kg	100	82.6	83	20-168	
Carbon disulfide	ug/kg	100	116	116	60-133	
Carbon tetrachloride	ug/kg	100	116	116	79-128	
Chlorobenzene	ug/kg	100	109	109	84-118	
Chloroethane	ug/kg	100	89.1	89	53-139	
Chloroform	ug/kg	100	103	103	82-120	
Chloromethane	ug/kg	100	55.6	56	33-143	
cis-1,2-Dichloroethene	ug/kg	100	104	104	83-117	
cis-1,3-Dichloropropene	ug/kg	100	102	102	80-122	
Dibromochloromethane	ug/kg	100	119	119	82-128	
Dibromomethane	ug/kg	100	104	104	82-119	
Dichlorodifluoromethane	ug/kg	100	32.2	32	12-159	
Ethylbenzene	ug/kg	100	108	108	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	116	116	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	109	109	83-122	
Methyl-tert-butyl ether	ug/kg	100	101	101	58-137	
Methylene Chloride	ug/kg	100	96.6	97	68-125	
n-Butylbenzene	ug/kg	100	116	116	73-131	
n-Propylbenzene	ug/kg	100	110	110	82-122	
Naphthalene	ug/kg	100	112	112	60-136	
p-Isopropyltoluene	ug/kg	100	101	101	74-129	
sec-Butylbenzene	ug/kg	100	121	121	71-133	
Styrene	ug/kg	100	113	113	84-121	
tert-Butylbenzene	ug/kg	100	109	109	81-122	
Tetrachloroethene	ug/kg	100	117	117	78-130	
Toluene	ug/kg	100	105	105	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	108	108	78-118	
trans-1,3-Dichloropropene	ug/kg	100	112	112	81-123	
Trichloroethene	ug/kg	100	110	110	78-127	
Trichlorofluoromethane	ug/kg	100	106	106	64-133	
Vinyl chloride	ug/kg	100	70.2	70	45-139	
Xylene (Total)	ug/kg	300	324	108	69-130	
1,2-Dichloroethane-d4 (S)	%			95	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746319 2746320

Parameter	Units	60348965021 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	148	149	117	117	79	78	13-133	1	39	
1,1,1-Trichloroethane	ug/kg	ND	148	149	111	107	75	72	30-131	4	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	148	149	106	112	72	75	10-139	5	49	
1,1,2-Trichloroethane	ug/kg	ND	148	149	112	113	76	76	10-145	1	41	
1,1-Dichloroethane	ug/kg	ND	148	149	92.2	89.0	62	60	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	148	149	92.5	88.8	63	60	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	148	149	110	105	74	70	29-116	5	30	
1,2,3-Trichlorobenzene	ug/kg	ND	148	149	113	112	76	75	10-115	1	40	
1,2,3-Trichloropropane	ug/kg	ND	148	149	109	115	74	78	10-150	5	46	
1,2,4-Trichlorobenzene	ug/kg	ND	148	149	114	112	77	76	10-115	2	44	
1,2,4-Trimethylbenzene	ug/kg	ND	148	149	111	109	75	73	10-123	2	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	148	149	106	114	72	77	10-136	7	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	148	149	113	115	76	78	24-149	2	29	
1,2-Dichlorobenzene	ug/kg	ND	148	149	110	109	74	73	10-123	1	41	
1,2-Dichloroethane	ug/kg	ND	148	149	98.2	97.8	66	66	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	296	297	210	203	71	68	30-119	4	32	
1,2-Dichloropropane	ug/kg	ND	148	149	107	103	72	70	13-132	3	33	
1,3,5-Trimethylbenzene	ug/kg	ND	148	149	112	110	76	74	10-124	2	40	
1,3-Dichlorobenzene	ug/kg	ND	148	149	113	110	76	74	10-122	3	42	
1,3-Dichloropropane	ug/kg	ND	148	149	110	111	74	74	10-135	1	36	
1,4-Dichlorobenzene	ug/kg	ND	148	149	111	110	75	74	10-120	1	38	
2,2-Dichloropropane	ug/kg	ND	148	149	105	102	71	68	22-135	4	31	
2-Butanone (MEK)	ug/kg	ND	739	744	482	542	65	73	12-127	12	37	
2-Chlorotoluene	ug/kg	ND	148	149	110	107	74	72	10-126	3	38	
2-Hexanone	ug/kg	ND	739	744	516	561	70	75	10-135	8	37	
4-Chlorotoluene	ug/kg	ND	148	149	112	109	76	73	10-129	3	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	739	744	502	541	68	73	10-129	7	36	
Acetone	ug/kg	ND	739	744	444	511	59	68	10-143	14	34	
Benzene	ug/kg	ND	148	149	106	101	71	68	37-135	4	24	
Bromobenzene	ug/kg	ND	148	149	112	110	76	74	10-134	2	45	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746319 2746320

Parameter	Units	60348965021 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	148	149	112	109	76	73	17-129	3	34	
Bromodichloromethane	ug/kg	ND	148	149	113	111	77	75	12-130	2	33	
Bromoform	ug/kg	ND	148	149	123	127	83	85	10-135	3	39	
Bromomethane	ug/kg	ND	148	149	66.6	60.6	45	41	10-124	9	41	
Carbon disulfide	ug/kg	ND	148	149	79.3	76.0	54	51	17-116	4	28	
Carbon tetrachloride	ug/kg	ND	148	149	116	111	79	75	29-127	4	35	
Chlorobenzene	ug/kg	ND	148	149	117	115	79	77	10-133	2	33	
Chloroethane	ug/kg	ND	148	149	69.3	65.9	47	44	25-116	5	33	
Chloroform	ug/kg	ND	148	149	110	108	75	73	20-130	2	30	
Chloromethane	ug/kg	ND	148	149	41.8	39.9	28	27	10-113	5	31	
cis-1,2-Dichloroethene	ug/kg	ND	148	149	107	103	72	70	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	148	149	110	107	74	72	10-125	3	34	
Dibromochloromethane	ug/kg	ND	148	149	119	120	81	81	10-138	0	38	
Dibromomethane	ug/kg	ND	148	149	110	111	75	75	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	148	149	28.9	27.0	20	18	10-114	7	33	
Ethylbenzene	ug/kg	ND	148	149	117	115	79	77	31-142	2	25	
Hexachloro-1,3-butadiene	ug/kg	ND	148	149	119	116	81	78	10-124	3	41	
Isopropylbenzene (Cumene)	ug/kg	ND	148	149	120	118	81	79	17-120	2	34	
Methyl-tert-butyl ether	ug/kg	ND	148	149	95.5	96.2	65	65	30-143	1	28	
Methylene Chloride	ug/kg	ND	148	149	91.8	90.3	62	61	24-121	2	33	
n-Butylbenzene	ug/kg	ND	148	149	114	111	77	75	10-121	3	36	
n-Propylbenzene	ug/kg	ND	148	149	114	113	77	76	12-125	1	37	
Naphthalene	ug/kg	ND	148	149	115	119	78	80	10-156	4	34	
p-Isopropyltoluene	ug/kg	ND	148	149	114	112	77	75	10-119	2	37	
sec-Butylbenzene	ug/kg	ND	148	149	115	112	78	75	10-127	2	40	
Styrene	ug/kg	ND	148	149	116	114	78	77	10-124	1	37	
tert-Butylbenzene	ug/kg	ND	148	149	114	112	77	75	10-126	2	37	
Tetrachloroethene	ug/kg	ND	148	149	124	120	84	80	15-133	4	36	
Toluene	ug/kg	ND	148	149	112	109	76	73	40-137	3	25	
trans-1,2-Dichloroethene	ug/kg	ND	148	149	103	99.2	70	67	22-129	4	34	
trans-1,3-Dichloropropene	ug/kg	ND	148	149	110	110	75	74	10-130	0	35	
Trichloroethene	ug/kg	ND	148	149	115	111	78	75	19-135	4	34	
Trichlorofluoromethane	ug/kg	ND	148	149	83.3	80.7	56	54	16-132	3	28	
Vinyl chloride	ug/kg	ND	148	149	52.7	49.6	36	33	14-116	6	28	
Xylene (Total)	ug/kg	ND	443	446	344	337	77	75	19-153	2	27	
1,2-Dichloroethane-d4 (S)	%						102	102	78-118			
4-Bromofluorobenzene (S)	%						95	96	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679357
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: 60349351001, 60349351002

METHOD BLANK: 2747075
Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/28/20 20:56	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,3-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
2,2-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
2-Butanone (MEK)	ug/kg	ND	10.0	09/28/20 20:56	
2-Chlorotoluene	ug/kg	ND	5.0	09/28/20 20:56	
2-Hexanone	ug/kg	ND	20.0	09/28/20 20:56	
4-Chlorotoluene	ug/kg	ND	5.0	09/28/20 20:56	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/28/20 20:56	
Acetone	ug/kg	ND	20.0	09/28/20 20:56	
Benzene	ug/kg	ND	5.0	09/28/20 20:56	
Bromobenzene	ug/kg	ND	5.0	09/28/20 20:56	
Bromochloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Bromodichloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Bromoform	ug/kg	ND	5.0	09/28/20 20:56	
Bromomethane	ug/kg	ND	5.0	09/28/20 20:56	
Carbon disulfide	ug/kg	ND	5.0	09/28/20 20:56	
Carbon tetrachloride	ug/kg	ND	5.0	09/28/20 20:56	
Chlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
Chloroethane	ug/kg	ND	5.0	09/28/20 20:56	
Chloroform	ug/kg	ND	5.0	09/28/20 20:56	
Chloromethane	ug/kg	ND	5.0	09/28/20 20:56	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

METHOD BLANK: 2747075 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
Dibromochloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Dibromomethane	ug/kg	ND	5.0	09/28/20 20:56	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/28/20 20:56	
Ethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/28/20 20:56	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/28/20 20:56	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/28/20 20:56	
Methylene Chloride	ug/kg	ND	5.0	09/28/20 20:56	
n-Butylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
n-Propylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Naphthalene	ug/kg	ND	10.0	09/28/20 20:56	
p-Isopropyltoluene	ug/kg	ND	5.0	09/28/20 20:56	
sec-Butylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Styrene	ug/kg	ND	5.0	09/28/20 20:56	
tert-Butylbenzene	ug/kg	ND	25.0	09/28/20 20:56	
Tetrachloroethene	ug/kg	ND	5.0	09/28/20 20:56	
Toluene	ug/kg	ND	5.0	09/28/20 20:56	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
Trichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
Trichlorofluoromethane	ug/kg	ND	5.0	09/28/20 20:56	
Vinyl chloride	ug/kg	ND	5.0	09/28/20 20:56	
Xylene (Total)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethane-d4 (S)	%	94	78-118	09/28/20 20:56	
4-Bromofluorobenzene (S)	%	97	85-115	09/28/20 20:56	
Toluene-d8 (S)	%	102	80-120	09/28/20 20:56	

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	110	110	84-125	
1,1,1-Trichloroethane	ug/kg	100	98.0	98	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	96.5	97	76-121	
1,1,2-Trichloroethane	ug/kg	100	108	108	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	106	106	71-124	
1,1-Dichloropropene	ug/kg	100	87.9	88	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	106	106	81-123	
1,2,3-Trichloropropane	ug/kg	100	104	104	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	103	103	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	99.1	99	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	97.0	97	74-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	111	111	64-137	
1,2-Dichlorobenzene	ug/kg	100	104	104	83-119	
1,2-Dichloroethane	ug/kg	100	98.5	98	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	211	105	82-117	
1,2-Dichloropropane	ug/kg	100	102	102	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	99.2	99	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	108	108	83-118	
1,4-Dichlorobenzene	ug/kg	100	97.6	98	83-116	
2,2-Dichloropropane	ug/kg	100	92.7	93	76-124	
2-Butanone (MEK)	ug/kg	500	478	96	63-122	
2-Chlorotoluene	ug/kg	100	98.8	99	79-119	
2-Hexanone	ug/kg	500	489	98	68-122	
4-Chlorotoluene	ug/kg	100	101	101	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	485	97	63-128	
Acetone	ug/kg	500	450	90	55-124	
Benzene	ug/kg	100	99.3	99	67-126	
Bromobenzene	ug/kg	100	105	105	85-117	
Bromochloromethane	ug/kg	100	114	114	78-122	
Bromodichloromethane	ug/kg	100	108	108	82-120	
Bromoform	ug/kg	100	121	121	77-133	
Bromomethane	ug/kg	100	96.8	97	20-168	
Carbon disulfide	ug/kg	100	120	120	60-133	
Carbon tetrachloride	ug/kg	100	105	105	79-128	
Chlorobenzene	ug/kg	100	106	106	84-118	
Chloroethane	ug/kg	100	99.4	99	53-139	
Chloroform	ug/kg	100	104	104	82-120	
Chloromethane	ug/kg	100	74.9	75	33-143	
cis-1,2-Dichloroethene	ug/kg	100	105	105	83-117	
cis-1,3-Dichloropropene	ug/kg	100	103	103	80-122	
Dibromochloromethane	ug/kg	100	120	120	82-128	
Dibromomethane	ug/kg	100	109	109	82-119	
Dichlorodifluoromethane	ug/kg	100	59.9	60	12-159	
Ethylbenzene	ug/kg	100	102	102	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	98.5	99	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	99.7	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	102	102	58-137	
Methylene Chloride	ug/kg	100	101	101	68-125	
n-Butylbenzene	ug/kg	100	99.5	100	73-131	
n-Propylbenzene	ug/kg	100	97.7	98	82-122	
Naphthalene	ug/kg	100	110	110	60-136	
p-Isopropyltoluene	ug/kg	100	89.6	90	74-129	
sec-Butylbenzene	ug/kg	100	105	105	71-133	
Styrene	ug/kg	100	110	110	84-121	
tert-Butylbenzene	ug/kg	100	98.0	98	81-122	
Tetrachloroethene	ug/kg	100	106	106	78-130	
Toluene	ug/kg	100	101	101	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	106	106	78-118	
trans-1,3-Dichloropropene	ug/kg	100	109	109	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	108	108	64-133	
Vinyl chloride	ug/kg	100	88.4	88	45-139	
Xylene (Total)	ug/kg	300	306	102	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679322
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: 60349351003, 60349351004, 60349351005

METHOD BLANK: 2746917
Matrix: Solid
Associated Lab Samples: 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,1-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	09/29/20 02:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,3,5-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,4-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
2,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
2-Butanone (MEK)	ug/kg	ND	500	09/29/20 02:05	
2-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
2-Hexanone	ug/kg	ND	1000	09/29/20 02:05	
4-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	09/29/20 02:05	
Acetone	ug/kg	ND	1000	09/29/20 02:05	
Benzene	ug/kg	ND	250	09/29/20 02:05	
Bromobenzene	ug/kg	ND	250	09/29/20 02:05	
Bromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromodichloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromoform	ug/kg	ND	250	09/29/20 02:05	
Bromomethane	ug/kg	ND	250	09/29/20 02:05	
Carbon disulfide	ug/kg	ND	250	09/29/20 02:05	
Carbon tetrachloride	ug/kg	ND	250	09/29/20 02:05	
Chlorobenzene	ug/kg	ND	250	09/29/20 02:05	
Chloroethane	ug/kg	ND	250	09/29/20 02:05	
Chloroform	ug/kg	ND	250	09/29/20 02:05	
Chloromethane	ug/kg	ND	250	09/29/20 02:05	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

METHOD BLANK: 2746917 Matrix: Solid
Associated Lab Samples: 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
cis-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Dibromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Dibromomethane	ug/kg	ND	250	09/29/20 02:05	
Dichlorodifluoromethane	ug/kg	ND	250	09/29/20 02:05	
Ethylbenzene	ug/kg	ND	250	09/29/20 02:05	
Hexachloro-1,3-butadiene	ug/kg	ND	250	09/29/20 02:05	
Isopropylbenzene (Cumene)	ug/kg	ND	250	09/29/20 02:05	
Methyl-tert-butyl ether	ug/kg	ND	250	09/29/20 02:05	
Methylene Chloride	ug/kg	ND	250	09/29/20 02:05	
n-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
n-Propylbenzene	ug/kg	ND	250	09/29/20 02:05	
Naphthalene	ug/kg	ND	500	09/29/20 02:05	
p-Isopropyltoluene	ug/kg	ND	250	09/29/20 02:05	
sec-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
Styrene	ug/kg	ND	250	09/29/20 02:05	
tert-Butylbenzene	ug/kg	ND	1250	09/29/20 02:05	
Tetrachloroethene	ug/kg	ND	250	09/29/20 02:05	
Toluene	ug/kg	ND	250	09/29/20 02:05	
trans-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
trans-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Trichloroethene	ug/kg	ND	250	09/29/20 02:05	
Trichlorofluoromethane	ug/kg	ND	250	09/29/20 02:05	
Vinyl chloride	ug/kg	ND	250	09/29/20 02:05	
Xylene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane-d4 (S)	%	93	78-118	09/29/20 02:05	
4-Bromofluorobenzene (S)	%	96	83-119	09/29/20 02:05	
Toluene-d8 (S)	%	104	80-120	09/29/20 02:05	

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	5000	5490	110	80-119	
1,1,1-Trichloroethane	ug/kg	5000	4810	96	77-121	
1,1,2,2-Tetrachloroethane	ug/kg	5000	4980	100	74-116	
1,1,2-Trichloroethane	ug/kg	5000	5470	109	76-115	
1,1-Dichloroethane	ug/kg	5000	4590	92	77-120	
1,1-Dichloroethene	ug/kg	5000	5240	105	66-129	
1,1-Dichloropropene	ug/kg	5000	4240	85	79-121	
1,2,3-Trichlorobenzene	ug/kg	5000	5120	102	80-120	
1,2,3-Trichloropropane	ug/kg	5000	5210	104	74-118	
1,2,4-Trichlorobenzene	ug/kg	5000	4780	96	75-120	
1,2,4-Trimethylbenzene	ug/kg	5000	4850	97	77-116	
1,2-Dibromo-3-chloropropane	ug/kg	5000	5010	100	74-121	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	5000	5600	112	80-117	
1,2-Dichlorobenzene	ug/kg	5000	5170	103	48-146	
1,2-Dichloroethane	ug/kg	5000	4880	98	74-110	
1,2-Dichloroethene (Total)	ug/kg	10000	10500	105	79-120	
1,2-Dichloropropane	ug/kg	5000	5030	101	79-115	
1,3,5-Trimethylbenzene	ug/kg	5000	4820	96	76-115	
1,3-Dichlorobenzene	ug/kg	5000	5000	100	76-115	
1,3-Dichloropropane	ug/kg	5000	5390	108	75-111	
1,4-Dichlorobenzene	ug/kg	5000	4700	94	73-119	
2,2-Dichloropropane	ug/kg	5000	4340	87	76-121	
2-Butanone (MEK)	ug/kg	25000	23700	95	70-116	
2-Chlorotoluene	ug/kg	5000	4840	97	78-117	
2-Hexanone	ug/kg	25000	24500	98	71-117	
4-Chlorotoluene	ug/kg	5000	4890	98	77-115	
4-Methyl-2-pentanone (MIBK)	ug/kg	25000	24500	98	73-116	
Acetone	ug/kg	25000	21900	88	60-125	
Benzene	ug/kg	5000	4910	98	73-117	
Bromobenzene	ug/kg	5000	5200	104	79-115	
Bromochloromethane	ug/kg	5000	5730	115	76-116	
Bromodichloromethane	ug/kg	5000	5350	107	80-120	
Bromoform	ug/kg	5000	6010	120	77-127	
Bromomethane	ug/kg	5000	4740	95	29-165	
Carbon disulfide	ug/kg	5000	5980	120	54-133	
Carbon tetrachloride	ug/kg	5000	5090	102	78-126	
Chlorobenzene	ug/kg	5000	5250	105	63-130	
Chloroethane	ug/kg	5000	4810	96	31-170	
Chloroform	ug/kg	5000	5170	103	80-118	
Chloromethane	ug/kg	5000	3470	69	10-168	
cis-1,2-Dichloroethene	ug/kg	5000	5210	104	80-117	
cis-1,3-Dichloropropene	ug/kg	5000	4970	99	80-120	
Dibromochloromethane	ug/kg	5000	5980	120	78-122	
Dibromomethane	ug/kg	5000	5390	108	78-119	
Dichlorodifluoromethane	ug/kg	5000	2630	53	10-206	
Ethylbenzene	ug/kg	5000	4940	99	73-121	
Hexachloro-1,3-butadiene	ug/kg	5000	4600	92	75-129	
Isopropylbenzene (Cumene)	ug/kg	5000	4860	97	74-115	
Methyl-tert-butyl ether	ug/kg	5000	5160	103	73-129	
Methylene Chloride	ug/kg	5000	5070	101	70-128	
n-Butylbenzene	ug/kg	5000	4670	93	78-123	
n-Propylbenzene	ug/kg	5000	4720	94	77-120	
Naphthalene	ug/kg	5000	5500	110	76-120	
p-Isopropyltoluene	ug/kg	5000	4290	86	78-117	
sec-Butylbenzene	ug/kg	5000	5090	102	83-126	
Styrene	ug/kg	5000	5390	108	80-117	
tert-Butylbenzene	ug/kg	5000	4710	94	79-117	
Tetrachloroethene	ug/kg	5000	5140	103	72-122	
Toluene	ug/kg	5000	5030	101	77-119	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	5000	5300	106	75-123	
trans-1,3-Dichloropropene	ug/kg	5000	5360	107	79-124	
Trichloroethene	ug/kg	5000	5150	103	82-128	
Trichlorofluoromethane	ug/kg	5000	5250	105	56-129	
Vinyl chloride	ug/kg	5000	4220	84	36-176	
Xylene (Total)	ug/kg	15000	14900	99	76-119	
1,2-Dichloroethane-d4 (S)	%			95	78-118	
4-Bromofluorobenzene (S)	%			94	83-119	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3090	3350	91	98	12-128	8	59	
1,1,1-Trichloroethane	ug/kg	ND	3410	3410	2770	3060	81	90	15-131	10	75	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3410	3410	3250	3540	95	104	10-132	8	65	
1,1,2-Trichloroethane	ug/kg	ND	3410	3410	3610	3910	106	115	14-132	8	54	
1,1-Dichloroethane	ug/kg	ND	3410	3410	3020	2870	89	84	23-126	5	64	
1,1-Dichloroethene	ug/kg	ND	3410	3410	2670	2990	78	88	20-129	11	80	
1,1-Dichloropropene	ug/kg	ND	3410	3410	2480	2820	73	83	15-127	13	78	
1,2,3-Trichlorobenzene	ug/kg	ND	3410	3410	3180	3450	93	101	10-124	8	67	
1,2,3-Trichloropropane	ug/kg	ND	3410	3410	3300	3610	97	106	19-125	9	51	
1,2,4-Trichlorobenzene	ug/kg	ND	3410	3410	3020	3310	89	97	10-129	9	73	
1,2,4-Trimethylbenzene	ug/kg	ND	3410	3410	2980	3290	87	96	10-124	10	68	
1,2-Dibromo-3-chloropropane	ug/kg	ND	3410	3410	3430	3630	101	107	10-135	6	56	
1,2-Dibromoethane (EDB)	ug/kg	ND	3410	3410	3250	3580	95	105	23-123	10	50	
1,2-Dichlorobenzene	ug/kg	ND	3410	3410	3190	3450	94	101	10-126	8	60	
1,2-Dichloroethane	ug/kg	ND	3410	3410	2870	3160	84	93	27-116	10	45	
1,2-Dichloroethene (Total)	ug/kg	ND	6820	6820	5890	6490	86	95	20-127	10	64	
1,2-Dichloropropane	ug/kg	ND	3410	3410	3030	3380	89	99	21-125	11	57	
1,3,5-Trimethylbenzene	ug/kg	ND	3410	3410	2950	3280	86	96	10-125	11	65	
1,3-Dichlorobenzene	ug/kg	ND	3410	3410	3050	3320	90	97	10-126	8	63	
1,3-Dichloropropane	ug/kg	ND	3410	3410	3100	3380	91	99	24-114	8	51	
1,4-Dichlorobenzene	ug/kg	ND	3410	3410	2930	3180	86	93	10-126	8	62	
2,2-Dichloropropane	ug/kg	ND	3410	3410	2480	2800	73	82	17-124	12	70	
2-Butanone (MEK)	ug/kg	ND	17000	17000	14600	16500	84	95	29-120	12	50	
2-Chlorotoluene	ug/kg	ND	3410	3410	2940	3230	85	94	10-138	9	70	
2-Hexanone	ug/kg	ND	17000	17000	14900	16700	87	98	25-121	12	51	
4-Chlorotoluene	ug/kg	ND	3410	3410	2960	3260	87	96	10-112	10	62	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	17000	17000	15000	16900	88	99	23-131	12	50	
Acetone	ug/kg	ND	17000	17000	14000	15600	81	91	15-129	11	49	
Benzene	ug/kg	ND	3410	3410	2820	3110	83	91	17-134	10	53	
Bromobenzene	ug/kg	ND	3410	3410	3110	3400	91	100	10-129	9	63	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3250	3600	95	106	28-118	10	53	
Bromodichloromethane	ug/kg	ND	3410	3410	3170	3480	93	102	21-126	10	59	
Bromoform	ug/kg	ND	3410	3410	3330	3600	98	106	14-127	8	60	
Bromomethane	ug/kg	ND	3410	3410	1090	1220	31	35	10-121	11	67	
Carbon disulfide	ug/kg	ND	3410	3410	2730	3000	80	88	10-122	10	78	
Carbon tetrachloride	ug/kg	ND	3410	3410	2790	3110	82	91	10-134	11	82	
Chlorobenzene	ug/kg	ND	3410	3410	3020	3330	89	98	10-126	10	60	
Chloroethane	ug/kg	ND	3410	3410	732	842	21	25	10-133	14	79	
Chloroform	ug/kg	ND	3410	3410	3010	3320	88	97	24-126	10	60	
Chloromethane	ug/kg	ND	3410	3410	1320	1380	38	40	10-125	5	78	
cis-1,2-Dichloroethene	ug/kg	ND	3410	3410	2980	3270	88	96	18-131	9	62	
cis-1,3-Dichloropropene	ug/kg	ND	3410	3410	2900	3200	85	94	24-117	10	60	
Dibromochloromethane	ug/kg	ND	3410	3410	3300	3550	97	104	22-117	7	59	
Dibromomethane	ug/kg	ND	3410	3410	3170	3470	93	102	29-118	9	52	
Dichlorodifluoromethane	ug/kg	ND	3410	3410	745	802	22	24	10-161	7	84	
Ethylbenzene	ug/kg	ND	3410	3410	2910	3200	85	93	10-137	10	60	
Hexachloro-1,3-butadiene	ug/kg	ND	3410	3410	2860	3180	84	93	10-124	10	76	
Isopropylbenzene (Cumene)	ug/kg	353	3410	3410	3260	3620	85	96	10-123	11	72	
Methyl-tert-butyl ether	ug/kg	ND	3410	3410	2980	3290	87	96	31-126	10	42	
Methylene Chloride	ug/kg	ND	3410	3410	2890	3160	82	90	23-117	9	59	
n-Butylbenzene	ug/kg	554	3410	3410	3580	4020	89	102	10-130	11	78	
n-Propylbenzene	ug/kg	595	3410	3410	3550	3890	87	97	10-121	9	70	
Naphthalene	ug/kg	ND	3410	3410	3560	3870	105	114	10-131	8	63	
p-Isopropyltoluene	ug/kg	309	3410	3410	3090	3410	82	91	10-127	10	76	
sec-Butylbenzene	ug/kg	318	3410	3410	3440	3810	92	102	10-137	10	81	
Styrene	ug/kg	ND	3410	3410	3130	3470	92	102	10-119	10	56	
tert-Butylbenzene	ug/kg	ND	3410	3410	2960	3330	86	97	10-121	12	80	
Tetrachloroethene	ug/kg	ND	3410	3410	2880	3220	85	94	10-131	11	78	
Toluene	ug/kg	ND	3410	3410	2860	3140	84	92	13-131	9	60	
trans-1,2-Dichloroethene	ug/kg	ND	3410	3410	2900	3220	85	94	22-125	10	70	
trans-1,3-Dichloropropene	ug/kg	ND	3410	3410	3000	3300	88	97	20-122	9	54	
Trichloroethene	ug/kg	ND	3410	3410	3020	3380	89	99	14-144	11	69	
Trichlorofluoromethane	ug/kg	ND	3410	3410	2650	2940	78	86	10-134	10	86	
Vinyl chloride	ug/kg	ND	3410	3410	1460	1620	43	47	10-141	10	81	
Xylene (Total)	ug/kg	ND	10200	10200	8720	9650	85	94	10-137	10	58	
1,2-Dichloroethane-d4 (S)	%						94	95	78-118			
4-Bromofluorobenzene (S)	%						104	103	83-119			
Toluene-d8 (S)	%						102	100	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679323
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: 60349351003, 60349351004, 60349351005

METHOD BLANK: 2746921 Matrix: Solid
Associated Lab Samples: 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	25.0	09/29/20 16:18	
1,2-Dichloroethane-d4 (S)	%	95	78-118	09/29/20 16:18	
4-Bromofluorobenzene (S)	%	96	85-115	09/29/20 16:18	
Toluene-d8 (S)	%	102	80-120	09/29/20 16:18	

LABORATORY CONTROL SAMPLE: 2746922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	200	129	64	55-162	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746923 2746924

Parameter	Units	60349447003 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)	%						94	94	78-118			
4-Bromofluorobenzene (S)	%						96	95	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679525
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: 60349351001, 60349351002

METHOD BLANK: 2747524
Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/29/20 10:10	
1,2-Dichloroethane-d4 (S)	%	95	80-123	09/29/20 10:10	
4-Bromofluorobenzene (S)	%	97	69-133	09/29/20 10:10	
Toluene-d8 (S)	%	104	78-122	09/29/20 10:10	

LABORATORY CONTROL SAMPLE: 2747525

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	2.9	72	61-140	
1,2-Dichloroethane-d4 (S)	%			94	80-123	
4-Bromofluorobenzene (S)	%			95	69-133	
Toluene-d8 (S)	%			103	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747526 2747527

Parameter	Units	60349553004 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)	%						98	101	80-123			
4-Bromofluorobenzene (S)	%						97	95	69-133			
Toluene-d8 (S)	%						103	102	78-122			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679802
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2748474 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.7	10/02/20 11:45	
Decachlorobiphenyl (S)	%	91	28-143	10/02/20 11:45	

LABORATORY CONTROL SAMPLE: 2748475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	158	144	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	158	150	95	56-128	
Decachlorobiphenyl (S)	%			93	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748476 2748477

Parameter	Units	60349351002 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	195	245	169	222	87	91	38-131	27	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	195	245	177	233	91	95	30-141	27	40	
Decachlorobiphenyl (S)	%						84	91	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679538
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2747544
Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,2-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,3-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,4-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
2,4,5-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dimethylphenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dinitrophenol	ug/kg	ND	1630	09/30/20 11:04	
2,4-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2,6-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2-Chloronaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Chlorophenol	ug/kg	ND	323	09/30/20 11:04	
2-Methylnaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	323	09/30/20 11:04	
2-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
2-Nitrophenol	ug/kg	ND	323	09/30/20 11:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	323	09/30/20 11:04	
3,3'-Dichlorobenzidine	ug/kg	ND	646	09/30/20 11:04	
3-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1630	09/30/20 11:04	
4-Bromophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Chloro-3-methylphenol	ug/kg	ND	646	09/30/20 11:04	
4-Chloroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Chlorophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Nitrophenol	ug/kg	ND	1630	09/30/20 11:04	
Acenaphthene	ug/kg	ND	323	09/30/20 11:04	
Acenaphthylene	ug/kg	ND	323	09/30/20 11:04	
Anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)pyrene	ug/kg	ND	323	09/30/20 11:04	
Benzo(b)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzo(g,h,i)perylene	ug/kg	ND	323	09/30/20 11:04	
Benzo(k)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzoic Acid	ug/kg	ND	1630	09/30/20 11:04	
Benzyl alcohol	ug/kg	ND	646	09/30/20 11:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroethyl) ether	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	323	09/30/20 11:04	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

METHOD BLANK: 2747544 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	323	09/30/20 11:04	
Butylbenzylphthalate	ug/kg	ND	323	09/30/20 11:04	
Carbazole	ug/kg	ND	323	09/30/20 11:04	
Chrysene	ug/kg	ND	323	09/30/20 11:04	
Di-n-butylphthalate	ug/kg	ND	323	09/30/20 11:04	
Di-n-octylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dibenz(a,h)anthracene	ug/kg	ND	323	09/30/20 11:04	
Dibenzofuran	ug/kg	ND	323	09/30/20 11:04	
Diethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dimethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Fluorene	ug/kg	ND	323	09/30/20 11:04	
Hexachloro-1,3-butadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorobenzene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorocyclopentadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachloroethane	ug/kg	ND	323	09/30/20 11:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	323	09/30/20 11:04	
Isophorone	ug/kg	ND	323	09/30/20 11:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	323	09/30/20 11:04	
N-Nitrosodiphenylamine	ug/kg	ND	323	09/30/20 11:04	
Naphthalene	ug/kg	ND	323	09/30/20 11:04	
Nitrobenzene	ug/kg	ND	323	09/30/20 11:04	
Pentachlorophenol	ug/kg	ND	1630	09/30/20 11:04	
Phenanthrene	ug/kg	ND	323	09/30/20 11:04	
Phenol	ug/kg	ND	323	09/30/20 11:04	
Pyrene	ug/kg	ND	323	09/30/20 11:04	
Pyridine	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Tribromophenol (S)	%	80	41-108	09/30/20 11:04	
2-Fluorobiphenyl (S)	%	80	39-136	09/30/20 11:04	
2-Fluorophenol (S)	%	77	43-96	09/30/20 11:04	
Nitrobenzene-d5 (S)	%	81	33-132	09/30/20 11:04	
Phenol-d6 (S)	%	78	43-95	09/30/20 11:04	
Terphenyl-d14 (S)	%	85	29-131	09/30/20 11:04	

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1570	1220	78	52-104	
1,2-Dichlorobenzene	ug/kg	1570	1210	77	51-99	
1,3-Dichlorobenzene	ug/kg	1570	1190	76	48-102	
1,4-Dichlorobenzene	ug/kg	1570	1190	76	49-101	
2,4,5-Trichlorophenol	ug/kg	1570	1290	82	58-109	
2,4,6-Trichlorophenol	ug/kg	1570	1270	81	56-109	
2,4-Dichlorophenol	ug/kg	1570	1250	80	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1570	1260	80	49-104	
2,4-Dinitrophenol	ug/kg	1570	1250J	79	26-119	
2,4-Dinitrotoluene	ug/kg	1570	1310	83	60-109	
2,6-Dinitrotoluene	ug/kg	1570	1260	80	59-109	
2-Chloronaphthalene	ug/kg	1570	1220	78	56-104	
2-Chlorophenol	ug/kg	1570	1250	79	56-98	
2-Methylnaphthalene	ug/kg	1570	1270	81	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1570	1250	79	52-102	
2-Nitroaniline	ug/kg	1570	1260	80	54-113	
2-Nitrophenol	ug/kg	1570	1250	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1570	1250	79	52-102	
3,3'-Dichlorobenzidine	ug/kg	1570	850	54	19-126	
3-Nitroaniline	ug/kg	1570	883	56	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1570	1160J	74	37-117	
4-Bromophenylphenyl ether	ug/kg	1570	1230	78	60-106	
4-Chloro-3-methylphenol	ug/kg	1570	1300	83	55-107	
4-Chloroaniline	ug/kg	1570	690	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1570	1240	79	56-107	
4-Nitroaniline	ug/kg	1570	1260	80	52-113	
4-Nitrophenol	ug/kg	1570	1350J	86	53-114	
Acenaphthene	ug/kg	1570	1260	80	55-105	
Acenaphthylene	ug/kg	1570	1310	84	57-105	
Anthracene	ug/kg	1570	1250	79	59-106	
Benzo(a)anthracene	ug/kg	1570	1270	81	59-109	
Benzo(a)pyrene	ug/kg	1570	1260	80	59-109	
Benzo(b)fluoranthene	ug/kg	1570	1280	82	56-112	
Benzo(g,h,i)perylene	ug/kg	1570	1280	82	57-109	
Benzo(k)fluoranthene	ug/kg	1570	1290	82	57-107	
Benzoic Acid	ug/kg	1570	1770	112	10-96	L1
Benzyl alcohol	ug/kg	1570	1280	81	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1570	1200	76	52-102	
bis(2-Chloroethyl) ether	ug/kg	1570	1190	76	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1570	1240	79	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1570	1340	85	61-113	
Butylbenzylphthalate	ug/kg	1570	1280	82	62-110	
Carbazole	ug/kg	1570	1290	82	60-106	
Chrysene	ug/kg	1570	1310	83	58-108	
Di-n-butylphthalate	ug/kg	1570	1300	83	61-110	
Di-n-octylphthalate	ug/kg	1570	1350	86	58-114	
Dibenz(a,h)anthracene	ug/kg	1570	1300	83	57-109	
Dibenzofuran	ug/kg	1570	1230	78	56-106	
Diethylphthalate	ug/kg	1570	1260	80	57-107	
Dimethylphthalate	ug/kg	1570	1260	80	55-106	
Fluoranthene	ug/kg	1570	1250	79	60-109	
Fluorene	ug/kg	1570	1240	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1570	1250	79	50-106	
Hexachlorobenzene	ug/kg	1570	1210	77	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1570	1010	65	18-118	
Hexachloroethane	ug/kg	1570	1200	76	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1570	1290	82	58-108	
Isophorone	ug/kg	1570	1240	79	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1570	1210	77	50-101	
N-Nitrosodiphenylamine	ug/kg	1570	1260	80	58-107	
Naphthalene	ug/kg	1570	1220	78	51-103	
Nitrobenzene	ug/kg	1570	1240	79	51-104	
Pentachlorophenol	ug/kg	1570	1280J	82	43-123	
Phenanthrene	ug/kg	1570	1240	79	58-106	
Phenol	ug/kg	1570	1250	80	53-101	
Pyrene	ug/kg	1570	1290	82	60-108	
Pyridine	ug/kg	1570	905	58	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			78	39-136	
2-Fluorophenol (S)	%			73	43-96	
Nitrobenzene-d5 (S)	%			78	33-132	
Phenol-d6 (S)	%			72	43-95	
Terphenyl-d14 (S)	%			83	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1460	1490	78	76	42-102	2	26	
1,2-Dichlorobenzene	ug/kg	ND	1870	1940	1390	1430	75	74	45-96	3	31	
1,3-Dichlorobenzene	ug/kg	ND	1870	1940	1370	1400	74	72	44-95	2	31	
1,4-Dichlorobenzene	ug/kg	ND	1870	1940	1410	1440	75	74	45-95	2	30	
2,4,5-Trichlorophenol	ug/kg	ND	1870	1940	1530	1530	82	79	47-109	0	31	
2,4,6-Trichlorophenol	ug/kg	ND	1870	1940	1540	1550	82	80	14-133	1	31	
2,4-Dichlorophenol	ug/kg	ND	1870	1940	1490	1530	80	79	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	1870	1940	1480	1500	79	77	22-113	1	32	
2,4-Dinitrophenol	ug/kg	ND	1870	1940	983J	929J	53	48	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	10-133	0	32	
2,6-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	17-125	0	25	
2-Chloronaphthalene	ug/kg	ND	1870	1940	1470	1490	79	76	47-105	1	28	
2-Chlorophenol	ug/kg	ND	1870	1940	1460	1470	78	75	44-100	0	31	
2-Methylnaphthalene	ug/kg	ND	1870	1940	1510	1530	81	79	43-104	1	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1870	1940	1440	1450	77	74	37-105	0	32	
2-Nitroaniline	ug/kg	ND	1870	1940	1540	1520	82	78	44-117	1	28	
2-Nitrophenol	ug/kg	ND	1870	1940	1480	1530	79	78	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1870	1940	1460	1460	78	75	35-108	0	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1870	1940	1180	1210	63	62	10-133	2	39	
3-Nitroaniline	ug/kg	ND	1870	1940	1350	1310	72	67	10-124	3	27	

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: PINE LAWN
Pace Project No.: 60349351

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1230J	1110J	66	57	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1870	1940	1500	1480	80	76	47-109	1	33	
4-Chloro-3-methylphenol	ug/kg	ND	1870	1940	1560	1540	83	79	42-109	1	30	
4-Chloroaniline	ug/kg	ND	1870	1940	956	965	51	50	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1870	1940	1490	1500	80	77	46-106	0	33	
4-Nitroaniline	ug/kg	ND	1870	1940	1450	1510	78	77	11-126	4	47	
4-Nitrophenol	ug/kg	ND	1870	1940	1550J	1790J	83	92	18-130		35	
Acenaphthene	ug/kg	ND	1870	1940	1530	1550	82	80	44-104	1	23	
Acenaphthylene	ug/kg	ND	1870	1940	1590	1580	85	81	47-102	1	29	
Anthracene	ug/kg	ND	1870	1940	1490	1510	80	77	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	1870	1940	1540	1510	83	78	10-139	2	32	
Benzo(a)pyrene	ug/kg	ND	1870	1940	1460	1470	78	76	12-132	1	33	
Benzo(b)fluoranthene	ug/kg	ND	1870	1940	1580	1490	85	77	12-136	6	37	
Benzo(g,h,i)perylene	ug/kg	ND	1870	1940	1400	1420	75	73	22-119	2	41	
Benzo(k)fluoranthene	ug/kg	ND	1870	1940	1450	1580	77	81	32-113	9	32	
Benzoic Acid	ug/kg	ND	1870	1940	1890	1580J	101	81	10-101		35	
Benzyl alcohol	ug/kg	ND	1870	1940	1470	1450	78	75	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1870	1940	1420	1440	76	74	41-100	1	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1870	1940	1410	1420	76	73	46-100	0	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1870	1940	1450	1450	77	75	40-99	0	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1870	1940	1570	1570	84	81	24-141	0	33	
Butylbenzylphthalate	ug/kg	ND	1870	1940	1530	1500	82	77	41-131	2	33	
Carbazole	ug/kg	ND	1870	1940	1510	1520	81	78	41-107	1	30	
Chrysene	ug/kg	ND	1870	1940	1560	1520	83	78	10-137	2	31	
Di-n-butylphthalate	ug/kg	ND	1870	1940	1540	1530	82	79	41-118	0	31	
Di-n-octylphthalate	ug/kg	ND	1870	1940	1590	1620	85	83	40-138	2	29	
Dibenz(a,h)anthracene	ug/kg	ND	1870	1940	1460	1480	78	76	23-122	1	35	
Dibenzofuran	ug/kg	ND	1870	1940	1480	1490	79	76	49-101	1	28	
Diethylphthalate	ug/kg	ND	1870	1940	1520	1490	81	77	42-107	2	31	
Dimethylphthalate	ug/kg	ND	1870	1940	1510	1490	81	77	37-108	1	30	
Fluoranthene	ug/kg	ND	1870	1940	1480	1490	79	76	10-139	1	32	
Fluorene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	0	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1870	1940	1460	1480	78	76	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	1870	1940	1460	1460	78	75	46-105	0	31	
Hexachlorocyclopentadiene	ug/kg	ND	1870	1940	1080	1150	58	59	10-111	6	61	
Hexachloroethane	ug/kg	ND	1870	1940	1380	1420	74	73	11-119	2	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1870	1940	1470	1460	79	75	21-120	1	38	
Isophorone	ug/kg	ND	1870	1940	1480	1490	79	76	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1870	1940	1420	1450	76	74	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	1870	1940	1490	1510	80	77	41-108	1	36	
Naphthalene	ug/kg	ND	1870	1940	1460	1480	78	76	40-105	1	31	
Nitrobenzene	ug/kg	ND	1870	1940	1490	1500	80	77	35-106	1	29	
Pentachlorophenol	ug/kg	ND	1870	1940	1640J	1480J	88	76	10-144		35	
Phenanthrene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	1	29	
Phenol	ug/kg	ND	1870	1940	1470	1460	79	75	38-102	1	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1570	1520	84	78	10-147	3	38	
Pyridine	ug/kg	ND	1870	1940	895	812	48	42	10-79	10	35	
2,4,6-Tribromophenol (S)	%						78	72	41-108			
2-Fluorobiphenyl (S)	%						80	76	39-136			
2-Fluorophenol (S)	%						72	68	43-96			
Nitrobenzene-d5 (S)	%						80	74	33-132			
Phenol-d6 (S)	%						72	68	43-95			
Terphenyl-d14 (S)	%						84	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679544 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2747562 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.3	10/05/20 12:13	
TPH-ORO	mg/kg	ND	14.3	10/05/20 12:13	
2-Fluorobiphenyl (S)	%	91	39-136	10/05/20 12:13	
Nitrobenzene-d5 (S)	%	84	33-132	10/05/20 12:13	
Terphenyl-d14 (S)	%	100	29-131	10/05/20 12:13	

LABORATORY CONTROL SAMPLE: 2747563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	271	84	39-122	
2-Fluorobiphenyl (S)	%			90	39-136	
Nitrobenzene-d5 (S)	%			87	33-132	
Terphenyl-d14 (S)	%			100	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747564 2747565

Parameter	Units	60349310001 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	381	386	301	342	79	89	12-137	13	38	
2-Fluorobiphenyl (S)	%						84	93	39-136			
Nitrobenzene-d5 (S)	%						82	91	33-132			
Terphenyl-d14 (S)	%						92	100	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349351

QC Batch: 679004
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

METHOD BLANK: 2745353 Matrix: Solid
Associated Lab Samples: 60349351001, 60349351002, 60349351003, 60349351004, 60349351005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/25/20 11:09	

SAMPLE DUPLICATE: 2745354

Parameter	Units	60349272001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	50.6	50.6	0	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
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349351

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349351

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349351001	**DPT-18-SO-(29-30)**	EPA 3546	679802	EPA 8082	680480
60349351002	**DPT-19-SO-(29-30)**	EPA 3546	679802	EPA 8082	680480
60349351003	**DPT-20-SO-(10-11)**	EPA 3546	679802	EPA 8082	680480
60349351004	**DPT-21-SO-(15-16)**	EPA 3546	679802	EPA 8082	680480
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 3546	679802	EPA 8082	680480
60349351001	**DPT-18-SO-(29-30)**	EPA 3050	680402	EPA 6010	680676
60349351002	**DPT-19-SO-(29-30)**	EPA 3050	680402	EPA 6010	680676
60349351003	**DPT-20-SO-(10-11)**	EPA 3050	680402	EPA 6010	680676
60349351004	**DPT-21-SO-(15-16)**	EPA 3050	680402	EPA 6010	680676
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 3050	680402	EPA 6010	680676
60349351001	**DPT-18-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349351002	**DPT-19-SO-(29-30)**	EPA 7471	679970	EPA 7471	680181
60349351003	**DPT-20-SO-(10-11)**	EPA 7471	679970	EPA 7471	680181
60349351004	**DPT-21-SO-(15-16)**	EPA 7471	679970	EPA 7471	680181
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 7471	679970	EPA 7471	680181
60349351001	**DPT-18-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349351002	**DPT-19-SO-(29-30)**	EPA 3546	679538	EPA 8270	679906
60349351003	**DPT-20-SO-(10-11)**	EPA 3546	679538	EPA 8270	679906
60349351004	**DPT-21-SO-(15-16)**	EPA 3546	679538	EPA 8270	679906
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 3546	679538	EPA 8270	679906
60349351001	**DPT-18-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349351002	**DPT-19-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349351003	**DPT-20-SO-(10-11)**	EPA 3546	679544	EPA 8270	680716
60349351004	**DPT-21-SO-(15-16)**	EPA 3546	679544	EPA 8270	680716
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 3546	679544	EPA 8270	680716
60349351001	**DPT-18-SO-(29-30)**	EPA 5035A/5030	679357	EPA 8260B	679422
60349351002	**DPT-19-SO-(29-30)**	EPA 5035A/5030	679357	EPA 8260B	679422
60349351006	**PINE LAWN-SO-TB7**	EPA 5035A/5030	679165	EPA 8260B	679169
60349351003	**DPT-20-SO-(10-11)**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349351004	**DPT-21-SO-(15-16)**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349351003	**DPT-20-SO-(10-11)**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349351004	**DPT-21-SO-(15-16)**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349351005	**DPT-21-SO-(15-16)-FD**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349351001	**DPT-18-SO-(29-30)**	EPA 5035	679525	EPA 8260	679561
60349351002	**DPT-19-SO-(29-30)**	EPA 5035	679525	EPA 8260	679561
60349351001	**DPT-18-SO-(29-30)**	ASTM D2974	679004		
60349351002	**DPT-19-SO-(29-30)**	ASTM D2974	679004		
60349351003	**DPT-20-SO-(10-11)**	ASTM D2974	679004		
60349351004	**DPT-21-SO-(15-16)**	ASTM D2974	679004		
60349351005	**DPT-21-SO-(15-16)-FD**	ASTM D2974	679004		

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Sample Condition Upon Receipt

WO# : 60349351

60349351

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** 1.1 **Corr. Factor** +0.2 **Corrected** 1.3

Date and initials of person examining contents: DVG 9/24/20

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: MO	☐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.

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	Pine Lawn
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: MO

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 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-18-SO-(29-30)	SL	G	09/23/20	1611				7	4						1	2		X	X	X	X	X	X	DGAM		2UGGU					AGSU 3JGFU	001
2	DPT-19-SO-(29-30)	SL	G	09/23/20	1638				7	4						1	2		X	X	X	X	X	X									002
3	DPT-20-SO-(10-11)	SL	G	09/23/20	1707				7	4						1	2		X	X	X	X	X	X									003
4	DPT-21-SO-(15-16)	SL	G	09/23/20	1745				7	4						1	2		X	X	X	X	X	X									004
5	DPT-21-SO-(15-16)-FD	SL	G	09/23/20	1745				7	4						1	2		X	X	X	X	X	X									005
6	Pine Lawn-SO-TB7	WT	G	09/23/20	1807				2				2										X									2UGGU	006
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

60349351
Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Haley Tetra Tech	09/23/20	1814	[signature]	9/24/20	0444	1-3	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Thomas Haley & Stephanie Collins

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/23/20

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 07, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349352

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 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
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Lenexa, KS 66219
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CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349352

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: PINE LAWN
Pace Project No.: 60349352

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349352001	**DPT-12-SO-(1-3)**	Solid	09/23/20 08:41	09/24/20 04:44
60349352002	**DPT-12-SO-(1-3)-FD**	Solid	09/23/20 08:41	09/24/20 04:44
60349352003	**DPT-12-SO-(5-6)**	Solid	09/23/20 09:11	09/24/20 04:44
60349352004	**DPT-12-SO-(27-28)**	Solid	09/23/20 09:37	09/24/20 04:44
60349352005	**DPT-13-SO-(29-30)**	Solid	09/23/20 10:11	09/24/20 04:44
60349352006	**DPT-14-SO-(13-14)**	Solid	09/23/20 10:50	09/24/20 04:44
60349352007	**PINE LAWN-SO-TB5**	Solid	09/23/20 12:55	09/24/20 04:44

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349352

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349352001	**DPT-12-SO-(1-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349352003	**DPT-12-SO-(5-6)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349352004	**DPT-12-SO-(27-28)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349352005	**DPT-13-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349352

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60349352006	**DPT-14-SO-(13-14)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8260B	RAD	65	PASI-K
		EPA 8260B	RAD	6	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60349352007	**PINE LAWN-SO-TB5**	EPA 8260B	RAD	68	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3) **Lab ID: 60349352001** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	37.7	1	09/30/20 15:02	10/02/20 15:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.7	1	09/30/20 15:02	10/02/20 15:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	28-143	1	09/30/20 15:02	10/02/20 15:38	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**10.7**	mg/kg	0.99	1	10/02/20 10:03	10/05/20 20:46	7440-38-2	
Barium	**175**	mg/kg	0.50	1	10/02/20 10:03	10/05/20 20:46	7440-39-3	
Cadmium	**0.67**	mg/kg	0.50	1	10/02/20 10:03	10/05/20 20:46	7440-43-9	
Chromium	**14.7**	mg/kg	0.50	1	10/02/20 10:03	10/05/20 20:46	7440-47-3	
Lead	**42.4**	mg/kg	0.99	1	10/02/20 10:03	10/05/20 20:46	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/02/20 10:03	10/05/20 20:46	7782-49-2	
Silver	ND	mg/kg	0.69	1	10/02/20 10:03	10/05/20 20:46	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.047	1	09/30/20 18:07	10/01/20 13:26	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	83-32-9	
Acenaphthylene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	208-96-8	
Anthracene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	120-12-7	
Benzo(a)anthracene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	207-08-9	
Benzoic Acid	ND	ug/kg	1940	1	09/29/20 13:22	10/06/20 01:15	65-85-0	L1
Benzyl alcohol	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	85-68-7	
Carbazole	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	59-50-7	
4-Chloroaniline	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	108-60-1	
2-Chloronaphthalene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3) **Lab ID: 60349352001** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	383	1	09/29/20 13:22	10/06/20 01:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	7005-72-3	
Chrysene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	53-70-3	
Dibenzofuran	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	120-83-2	
Diethylphthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	105-67-9	
Dimethylphthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1940	1	09/29/20 13:22	10/06/20 01:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1	09/29/20 13:22	10/06/20 01:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	117-81-7	
Fluoranthene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	206-44-0	
Fluorene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	77-47-4	
Hexachloroethane	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	193-39-5	
Isophorone	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	78-59-1	
2-Methylnaphthalene	**11000**	ug/kg	3830	10	09/29/20 13:22	10/06/20 13:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	15831-10-4	
Naphthalene	**10600**	ug/kg	3830	10	09/29/20 13:22	10/06/20 13:30	91-20-3	
2-Nitroaniline	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	88-74-4	
3-Nitroaniline	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	99-09-2	
4-Nitroaniline	ND	ug/kg	766	1	09/29/20 13:22	10/06/20 01:15	100-01-6	
Nitrobenzene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	98-95-3	
2-Nitrophenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	1	09/29/20 13:22	10/06/20 01:15	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	86-30-6	
Pentachlorophenol	ND	ug/kg	1940	1	09/29/20 13:22	10/06/20 01:15	87-86-5	
Phenanthrene	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	85-01-8	
Phenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	108-95-2	
Pyrene	**414**	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	129-00-0	
Pyridine	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3) **Lab ID: 60349352001** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	383	1	09/29/20 13:22	10/06/20 01:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	383	1	09/29/20 13:22	10/06/20 01:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	85	%	33-132	1	09/29/20 13:22	10/06/20 01:15	4165-60-0	
2-Fluorobiphenyl (S)	62	%	39-136	1	09/29/20 13:22	10/06/20 01:15	321-60-8	
Terphenyl-d14 (S)	68	%	29-131	1	09/29/20 13:22	10/06/20 01:15	1718-51-0	
Phenol-d6 (S)	49	%	43-95	1	09/29/20 13:22	10/06/20 01:15	13127-88-3	
2-Fluorophenol (S)	50	%	43-96	1	09/29/20 13:22	10/06/20 01:15	367-12-4	
2,4,6-Tribromophenol (S)	58	%	41-108	1	09/29/20 13:22	10/06/20 01:15	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**757**	mg/kg	84.5	5	09/30/20 14:55	10/05/20 16:10		
TPH-DRO	**1920**	mg/kg	84.5	5	09/30/20 14:55	10/05/20 16:10		
Surrogates								
Nitrobenzene-d5 (S)	178	%	33-132	5	09/30/20 14:55	10/05/20 16:10	4165-60-0	1e,D4
2-Fluorobiphenyl (S)	75	%	39-136	5	09/30/20 14:55	10/05/20 16:10	321-60-8	
Terphenyl-d14 (S)	86	%	29-131	5	09/30/20 14:55	10/05/20 16:10	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	3620	5	09/28/20 13:22	09/29/20 04:09	67-64-1	
Benzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	71-43-2	
Bromobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	108-86-1	
Bromochloromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	74-97-5	
Bromodichloromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-27-4	
Bromoform	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-25-2	
Bromomethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1810	5	09/28/20 13:22	09/29/20 04:09	78-93-3	
n-Butylbenzene	**4170**	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	104-51-8	
sec-Butylbenzene	**2790**	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	4530	5	09/28/20 13:22	09/29/20 04:09	98-06-6	
Carbon disulfide	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	56-23-5	
Chlorobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	108-90-7	
Chloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-00-3	
Chloroform	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	67-66-3	
Chloromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1810	5	09/28/20 13:22	09/29/20 04:09	96-12-8	
Dibromochloromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	106-93-4	
Dibromomethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3) **Lab ID: 60349352001** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	905	5	09/28/20 13:22	09/29/20 04:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	10061-02-6	
Ethylbenzene	**3340**	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	87-68-3	
2-Hexanone	ND	ug/kg	3620	5	09/28/20 13:22	09/29/20 04:09	591-78-6	
Isopropylbenzene (Cumene)	**2920**	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	99-87-6	
Methylene Chloride	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1810	5	09/28/20 13:22	09/29/20 04:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	1634-04-4	
Naphthalene	**13900**	ug/kg	1810	5	09/28/20 13:22	09/29/20 04:09	91-20-3	
n-Propylbenzene	**3790**	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	103-65-1	
Styrene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	79-34-5	
Tetrachloroethene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	127-18-4	
Toluene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	79-00-5	
Trichloroethene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	108-67-8	
Vinyl chloride	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	75-01-4	
Xylene (Total)	ND	ug/kg	905	5	09/28/20 13:22	09/29/20 04:09	1330-20-7	
Surrogates								
Toluene-d8 (S)	109	%	80-120	5	09/28/20 13:22	09/29/20 04:09	2037-26-5	
4-Bromofluorobenzene (S)	106	%	83-119	5	09/28/20 13:22	09/29/20 04:09	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3) **Lab ID: 60349352001** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	94	%	78-118	5	09/28/20 13:22	09/29/20 04:09	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	**1460**	mg/kg	90.5	5	09/28/20 13:48	09/29/20 17:36		
Surrogates								
Toluene-d8 (S)	109	%	80-120	5	09/28/20 13:48	09/29/20 17:36	2037-26-5	
4-Bromofluorobenzene (S)	107	%	85-115	5	09/28/20 13:48	09/29/20 17:36	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	78-118	5	09/28/20 13:48	09/29/20 17:36	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**14.5**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3)-FD **Lab ID: 60349352002** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	37.6	1	09/30/20 15:02	10/02/20 15:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.6	1	09/30/20 15:02	10/02/20 15:56	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	28-143	1	09/30/20 15:02	10/02/20 15:56	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**7.2**	mg/kg	0.74	1	10/02/20 10:03	10/05/20 20:49	7440-38-2	
Barium	**151**	mg/kg	0.37	1	10/02/20 10:03	10/05/20 20:49	7440-39-3	
Cadmium	**0.77**	mg/kg	0.37	1	10/02/20 10:03	10/05/20 20:49	7440-43-9	
Chromium	**16.8**	mg/kg	0.37	1	10/02/20 10:03	10/05/20 20:49	7440-47-3	
Lead	**38.5**	mg/kg	0.74	1	10/02/20 10:03	10/05/20 20:49	7439-92-1	
Selenium	ND	mg/kg	1.1	1	10/02/20 10:03	10/05/20 20:49	7782-49-2	
Silver	ND	mg/kg	0.52	1	10/02/20 10:03	10/05/20 20:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.049	1	09/30/20 18:07	10/01/20 13:28	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	83-32-9	
Acenaphthylene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	208-96-8	
Anthracene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	120-12-7	
Benzo(a)anthracene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	56-55-3	
Benzo(a)pyrene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	207-08-9	
Benzoic Acid	ND	ug/kg	1930	1	09/29/20 13:22	10/06/20 01:36	65-85-0	L1
Benzyl alcohol	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	101-55-3	
Butylbenzylphthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	85-68-7	
Carbazole	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	59-50-7	
4-Chloroaniline	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	108-60-1	
2-Chloronaphthalene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3)-FD **Lab ID: 60349352002** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	382	1	09/29/20 13:22	10/06/20 01:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	7005-72-3	
Chrysene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	53-70-3	
Dibenzofuran	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	120-83-2	
Diethylphthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	105-67-9	
Dimethylphthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	131-11-3	
Di-n-butylphthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1930	1	09/29/20 13:22	10/06/20 01:36	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/06/20 01:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	606-20-2	
Di-n-octylphthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	117-81-7	
Fluoranthene	**431**	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	206-44-0	
Fluorene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	87-68-3	
Hexachlorobenzene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	77-47-4	
Hexachloroethane	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	193-39-5	
Isophorone	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	78-59-1	
2-Methylnaphthalene	**9260**	ug/kg	3820	10	09/29/20 13:22	10/06/20 13:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	15831-10-4	
Naphthalene	**8470**	ug/kg	3820	10	09/29/20 13:22	10/06/20 13:52	91-20-3	
2-Nitroaniline	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	88-74-4	
3-Nitroaniline	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	99-09-2	
4-Nitroaniline	ND	ug/kg	764	1	09/29/20 13:22	10/06/20 01:36	100-01-6	
Nitrobenzene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	98-95-3	
2-Nitrophenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	88-75-5	
4-Nitrophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/06/20 01:36	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	86-30-6	
Pentachlorophenol	ND	ug/kg	1930	1	09/29/20 13:22	10/06/20 01:36	87-86-5	
Phenanthrene	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	85-01-8	
Phenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	108-95-2	
Pyrene	**458**	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	129-00-0	
Pyridine	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3)-FD **Lab ID: 60349352002** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	382	1	09/29/20 13:22	10/06/20 01:36	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	382	1	09/29/20 13:22	10/06/20 01:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	84	%	33-132	1	09/29/20 13:22	10/06/20 01:36	4165-60-0	
2-Fluorobiphenyl (S)	69	%	39-136	1	09/29/20 13:22	10/06/20 01:36	321-60-8	
Terphenyl-d14 (S)	74	%	29-131	1	09/29/20 13:22	10/06/20 01:36	1718-51-0	
Phenol-d6 (S)	53	%	43-95	1	09/29/20 13:22	10/06/20 01:36	13127-88-3	
2-Fluorophenol (S)	54	%	43-96	1	09/29/20 13:22	10/06/20 01:36	367-12-4	
2,4,6-Tribromophenol (S)	63	%	41-108	1	09/29/20 13:22	10/06/20 01:36	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**1550**	mg/kg	85.2	5	09/30/20 14:55	10/05/20 16:29		
TPH-DRO	**3560**	mg/kg	85.2	5	09/30/20 14:55	10/05/20 16:29		
Surrogates								
Nitrobenzene-d5 (S)	292	%	33-132	5	09/30/20 14:55	10/05/20 16:29	4165-60-0	1e,D4
2-Fluorobiphenyl (S)	70	%	39-136	5	09/30/20 14:55	10/05/20 16:29	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	5	09/30/20 14:55	10/05/20 16:29	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	3800	5	09/28/20 13:22	09/29/20 04:24	67-64-1	
Benzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	71-43-2	
Bromobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	108-86-1	
Bromochloromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	74-97-5	
Bromodichloromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-27-4	
Bromoform	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-25-2	
Bromomethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1900	5	09/28/20 13:22	09/29/20 04:24	78-93-3	
n-Butylbenzene	**3260**	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	104-51-8	
sec-Butylbenzene	**2210**	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	4750	5	09/28/20 13:22	09/29/20 04:24	98-06-6	
Carbon disulfide	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	56-23-5	
Chlorobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	108-90-7	
Chloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-00-3	
Chloroform	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	67-66-3	
Chloromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1900	5	09/28/20 13:22	09/29/20 04:24	96-12-8	
Dibromochloromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	106-93-4	
Dibromomethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3)-FD **Lab ID: 60349352002** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	950	5	09/28/20 13:22	09/29/20 04:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	10061-02-6	
Ethylbenzene	**2530**	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	87-68-3	
2-Hexanone	ND	ug/kg	3800	5	09/28/20 13:22	09/29/20 04:24	591-78-6	
Isopropylbenzene (Cumene)	**2270**	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	99-87-6	
Methylene Chloride	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1900	5	09/28/20 13:22	09/29/20 04:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	1634-04-4	
Naphthalene	**11600**	ug/kg	1900	5	09/28/20 13:22	09/29/20 04:24	91-20-3	
n-Propylbenzene	**3070**	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	103-65-1	
Styrene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	79-34-5	
Tetrachloroethene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	127-18-4	
Toluene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	79-00-5	
Trichloroethene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	108-67-8	
Vinyl chloride	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	75-01-4	
Xylene (Total)	ND	ug/kg	950	5	09/28/20 13:22	09/29/20 04:24	1330-20-7	
Surrogates								
Toluene-d8 (S)	107	%	80-120	5	09/28/20 13:22	09/29/20 04:24	2037-26-5	
4-Bromofluorobenzene (S)	106	%	83-119	5	09/28/20 13:22	09/29/20 04:24	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(1-3)-FD **Lab ID: 60349352002** Collected: 09/23/20 08:41 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	94	%	78-118	5	09/28/20 13:22	09/29/20 04:24	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	**937**	mg/kg	95.0	5	09/28/20 13:48	09/29/20 17:52		
Surrogates								
Toluene-d8 (S)	104	%	80-120	5	09/28/20 13:48	09/29/20 17:52	2037-26-5	
4-Bromofluorobenzene (S)	103	%	85-115	5	09/28/20 13:48	09/29/20 17:52	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	78-118	5	09/28/20 13:48	09/29/20 17:52	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**15.3**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(5-6) **Lab ID: 60349352003** Collected: 09/23/20 09:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	58.9	1	09/30/20 15:02	10/02/20 16:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	58.9	1	09/30/20 15:02	10/02/20 16:14	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	94	%	28-143	1	09/30/20 15:02	10/02/20 16:14	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**6.1**	mg/kg	0.92	1	10/02/20 10:03	10/05/20 20:51	7440-38-2	
Barium	**123**	mg/kg	0.46	1	10/02/20 10:03	10/05/20 20:51	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	10/02/20 10:03	10/05/20 20:51	7440-43-9	
Chromium	**16.7**	mg/kg	0.46	1	10/02/20 10:03	10/05/20 20:51	7440-47-3	
Lead	**28.3**	mg/kg	0.92	1	10/02/20 10:03	10/05/20 20:51	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/02/20 10:03	10/05/20 20:51	7782-49-2	
Silver	ND	mg/kg	0.64	1	10/02/20 10:03	10/05/20 20:51	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	09/30/20 18:07	10/01/20 13:39	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	83-32-9	
Acenaphthylene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	208-96-8	
Anthracene	**3850**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	120-12-7	
Benzo(a)anthracene	**11600**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	56-55-3	
Benzo(a)pyrene	**12700**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	50-32-8	
Benzo(b)fluoranthene	**14600**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	205-99-2	
Benzo(g,h,i)perylene	**7630**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	191-24-2	
Benzo(k)fluoranthene	**5980**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	207-08-9	
Benzoic Acid	ND	ug/kg	9880	1	09/29/20 13:22	10/06/20 01:58	65-85-0	L1
Benzyl alcohol	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	85-68-7	
Carbazole	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	59-50-7	
4-Chloroaniline	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	108-60-1	
2-Chloronaphthalene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(5-6) **Lab ID: 60349352003** Collected: 09/23/20 09:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	1950	1	09/29/20 13:22	10/06/20 01:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	7005-72-3	
Chrysene	**11800**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	53-70-3	
Dibenzofuran	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	120-83-2	
Diethylphthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	105-67-9	
Dimethylphthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9880	1	09/29/20 13:22	10/06/20 01:58	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	9880	1	09/29/20 13:22	10/06/20 01:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	117-81-7	
Fluoranthene	**16900**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	206-44-0	
Fluorene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	87-68-3	
Hexachlorobenzene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	77-47-4	
Hexachloroethane	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	67-72-1	
Indeno(1,2,3-cd)pyrene	**6700**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	193-39-5	
Isophorone	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	78-59-1	
2-Methylnaphthalene	**11600**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	15831-10-4	
Naphthalene	**7020**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	91-20-3	
2-Nitroaniline	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	88-74-4	
3-Nitroaniline	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	99-09-2	
4-Nitroaniline	ND	ug/kg	3910	1	09/29/20 13:22	10/06/20 01:58	100-01-6	
Nitrobenzene	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	98-95-3	
2-Nitrophenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	88-75-5	
4-Nitrophenol	ND	ug/kg	9880	1	09/29/20 13:22	10/06/20 01:58	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	86-30-6	
Pentachlorophenol	ND	ug/kg	9880	1	09/29/20 13:22	10/06/20 01:58	87-86-5	
Phenanthrene	**11400**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	85-01-8	
Phenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	108-95-2	
Pyrene	**16200**	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	129-00-0	
Pyridine	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(5-6) **Lab ID: 60349352003** Collected: 09/23/20 09:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	1950	1	09/29/20 13:22	10/06/20 01:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1950	1	09/29/20 13:22	10/06/20 01:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	203	%	33-132	1	09/29/20 13:22	10/06/20 01:58	4165-60-0	P3,S0
2-Fluorobiphenyl (S)	76	%	39-136	1	09/29/20 13:22	10/06/20 01:58	321-60-8	
Terphenyl-d14 (S)	86	%	29-131	1	09/29/20 13:22	10/06/20 01:58	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/29/20 13:22	10/06/20 01:58	13127-88-3	
2-Fluorophenol (S)	69	%	43-96	1	09/29/20 13:22	10/06/20 01:58	367-12-4	
2,4,6-Tribromophenol (S)	59	%	41-108	1	09/29/20 13:22	10/06/20 01:58	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**1140**	mg/kg	462	10	09/30/20 14:55	10/05/20 16:49		
TPH-DRO	**2120**	mg/kg	462	10	09/30/20 14:55	10/05/20 16:49		
Surrogates								
Nitrobenzene-d5 (S)	0	%	33-132	10	09/30/20 14:55	10/05/20 16:49	4165-60-0	D3,P3, S4
2-Fluorobiphenyl (S)	0	%	39-136	10	09/30/20 14:55	10/05/20 16:49	321-60-8	S4
Terphenyl-d14 (S)	0	%	29-131	10	09/30/20 14:55	10/05/20 16:49	1718-51-0	S4
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/kg	3960	5	09/28/20 13:22	09/29/20 04:40	67-64-1	
Benzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	71-43-2	
Bromobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	108-86-1	
Bromochloromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	74-97-5	
Bromodichloromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-27-4	
Bromoform	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-25-2	
Bromomethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1980	5	09/28/20 13:22	09/29/20 04:40	78-93-3	
n-Butylbenzene	**4100**	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	104-51-8	
sec-Butylbenzene	**2940**	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	4940	5	09/28/20 13:22	09/29/20 04:40	98-06-6	
Carbon disulfide	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	56-23-5	
Chlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	108-90-7	
Chloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-00-3	
Chloroform	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	67-66-3	
Chloromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1980	5	09/28/20 13:22	09/29/20 04:40	96-12-8	
Dibromochloromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	106-93-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(5-6) **Lab ID: 60349352003** Collected: 09/23/20 09:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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							
Dibromomethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	540-59-0	
1,1-Dichloroethene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	10061-02-6	
Ethylbenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	87-68-3	
2-Hexanone	ND	ug/kg	3960	5	09/28/20 13:22	09/29/20 04:40	591-78-6	
Isopropylbenzene (Cumene)	**4770**	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	99-87-6	
Methylene Chloride	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1980	5	09/28/20 13:22	09/29/20 04:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	1634-04-4	
Naphthalene	**5860**	ug/kg	1980	5	09/28/20 13:22	09/29/20 04:40	91-20-3	
n-Propylbenzene	**6550**	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	103-65-1	
Styrene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	79-34-5	
Tetrachloroethene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	127-18-4	
Toluene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	79-00-5	
Trichloroethene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	108-67-8	
Vinyl chloride	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	75-01-4	
Xylene (Total)	ND	ug/kg	989	5	09/28/20 13:22	09/29/20 04:40	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	5	09/28/20 13:22	09/29/20 04:40	2037-26-5	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(5-6) **Lab ID: 60349352003** Collected: 09/23/20 09:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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								
4-Bromofluorobenzene (S)	106	%	83-119	5	09/28/20 13:22	09/29/20 04:40	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	78-118	5	09/28/20 13:22	09/29/20 04:40	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	**1460**	mg/kg	98.9	5	09/28/20 13:48	09/29/20 18:07		
Surrogates								
Toluene-d8 (S)	100	%	80-120	5	09/28/20 13:48	09/29/20 18:07	2037-26-5	
4-Bromofluorobenzene (S)	108	%	85-115	5	09/28/20 13:48	09/29/20 18:07	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	78-118	5	09/28/20 13:48	09/29/20 18:07	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**18.9**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(27-28) **Lab ID: 60349352004** Collected: 09/23/20 09:37 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	39.0	1	09/30/20 15:02	10/02/20 16:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.0	1	09/30/20 15:02	10/02/20 16:32	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	86	%	28-143	1	09/30/20 15:02	10/02/20 16:32	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.2**	mg/kg	0.80	1	10/02/20 10:03	10/06/20 10:41	7440-38-2	
Barium	**39.4**	mg/kg	0.40	1	10/02/20 10:03	10/06/20 10:41	7440-39-3	
Cadmium	ND	mg/kg	0.40	1	10/02/20 10:03	10/06/20 10:41	7440-43-9	
Chromium	**31.1**	mg/kg	0.40	1	10/02/20 10:03	10/06/20 10:41	7440-47-3	
Lead	**11.6**	mg/kg	0.80	1	10/02/20 10:03	10/06/20 10:41	7439-92-1	
Selenium	ND	mg/kg	1.2	1	10/02/20 10:03	10/06/20 10:41	7782-49-2	
Silver	**0.57**	mg/kg	0.56	1	10/02/20 10:03	10/06/20 10:41	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	09/30/20 18:07	10/01/20 13:46	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	83-32-9	
Acenaphthylene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	208-96-8	
Anthracene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	207-08-9	
Benzoic Acid	ND	ug/kg	1990	1	09/29/20 13:22	10/06/20 14:13	65-85-0	L1
Benzyl alcohol	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	85-68-7	
Carbazole	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	59-50-7	
4-Chloroaniline	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	108-60-1	
2-Chloronaphthalene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(27-28) **Lab ID: 60349352004** Collected: 09/23/20 09:37 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	393	1	09/29/20 13:22	10/06/20 14:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	7005-72-3	
Chrysene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	53-70-3	
Dibenzofuran	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	120-83-2	
Diethylphthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	105-67-9	
Dimethylphthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1990	1	09/29/20 13:22	10/06/20 14:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1990	1	09/29/20 13:22	10/06/20 14:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	117-81-7	
Fluoranthene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	206-44-0	
Fluorene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	87-68-3	
Hexachlorobenzene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	77-47-4	
Hexachloroethane	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	193-39-5	
Isophorone	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	78-59-1	
2-Methylnaphthalene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	15831-10-4	
Naphthalene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	91-20-3	
2-Nitroaniline	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	88-74-4	
3-Nitroaniline	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	99-09-2	
4-Nitroaniline	ND	ug/kg	786	1	09/29/20 13:22	10/06/20 14:13	100-01-6	
Nitrobenzene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	98-95-3	
2-Nitrophenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	88-75-5	
4-Nitrophenol	ND	ug/kg	1990	1	09/29/20 13:22	10/06/20 14:13	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	86-30-6	
Pentachlorophenol	ND	ug/kg	1990	1	09/29/20 13:22	10/06/20 14:13	87-86-5	
Phenanthrene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	85-01-8	
Phenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	108-95-2	
Pyrene	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	129-00-0	
Pyridine	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(27-28) **Lab ID: 60349352004** Collected: 09/23/20 09:37 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	393	1	09/29/20 13:22	10/06/20 14:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	393	1	09/29/20 13:22	10/06/20 14:13	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	55	%	33-132	1	09/29/20 13:22	10/06/20 14:13	4165-60-0	
2-Fluorobiphenyl (S)	65	%	39-136	1	09/29/20 13:22	10/06/20 14:13	321-60-8	
Terphenyl-d14 (S)	66	%	29-131	1	09/29/20 13:22	10/06/20 14:13	1718-51-0	
Phenol-d6 (S)	59	%	43-95	1	09/29/20 13:22	10/06/20 14:13	13127-88-3	
2-Fluorophenol (S)	59	%	43-96	1	09/29/20 13:22	10/06/20 14:13	367-12-4	
2,4,6-Tribromophenol (S)	56	%	41-108	1	09/29/20 13:22	10/06/20 14:13	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	17.5	1	09/30/20 14:55	10/05/20 17:09		
TPH-DRO	ND	mg/kg	17.5	1	09/30/20 14:55	10/05/20 17:09		
Surrogates								
Nitrobenzene-d5 (S)	85	%	33-132	1	09/30/20 14:55	10/05/20 17:09	4165-60-0	
2-Fluorobiphenyl (S)	88	%	39-136	1	09/30/20 14:55	10/05/20 17:09	321-60-8	
Terphenyl-d14 (S)	89	%	29-131	1	09/30/20 14:55	10/05/20 17:09	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	13.6	1	09/28/20 13:13	09/28/20 21:43	67-64-1	
Benzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-27-4	
Bromoform	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.8	1	09/28/20 13:13	09/28/20 21:43	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.0	1	09/28/20 13:13	09/28/20 21:43	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-00-3	
Chloroform	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1	09/28/20 13:13	09/28/20 21:43	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(27-28) **Lab ID: 60349352004** Collected: 09/23/20 09:37 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/28/20 13:13	09/28/20 21:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	87-68-3	
2-Hexanone	ND	ug/kg	13.6	1	09/28/20 13:13	09/28/20 21:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.8	1	09/28/20 13:13	09/28/20 21:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1	09/28/20 13:13	09/28/20 21:43	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	103-65-1	
Styrene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	127-18-4	
Toluene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	09/28/20 13:13	09/28/20 21:43	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/28/20 13:13	09/28/20 21:43	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/28/20 13:13	09/28/20 21:43	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-12-SO-(27-28) **Lab ID: 60349352004** Collected: 09/23/20 09:37 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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)	109	%	78-118	1	09/28/20 13:13	09/28/20 21:43	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	0.49	1	09/29/20 09:02	09/29/20 10:56		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/29/20 09:02	09/29/20 10:56	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/29/20 09:02	09/29/20 10:56	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-123	1	09/29/20 09:02	09/29/20 10:56	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**16.0**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-13-SO-(29-30) **Lab ID: 60349352005** Collected: 09/23/20 10:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	34.4	1	09/30/20 15:02	10/02/20 16:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.4	1	09/30/20 15:02	10/02/20 16:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84	%	28-143	1	09/30/20 15:02	10/02/20 16:49	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.7**	mg/kg	1.7	2	10/02/20 10:03	10/06/20 10:43	7440-38-2	
Barium	**48.6**	mg/kg	0.85	2	10/02/20 10:03	10/06/20 10:43	7440-39-3	
Cadmium	ND	mg/kg	0.85	2	10/02/20 10:03	10/06/20 10:43	7440-43-9	D3
Chromium	**23.4**	mg/kg	0.85	2	10/02/20 10:03	10/06/20 10:43	7440-47-3	
Lead	**8.7**	mg/kg	1.7	2	10/02/20 10:03	10/06/20 10:43	7439-92-1	
Selenium	ND	mg/kg	2.5	2	10/02/20 10:03	10/06/20 10:43	7782-49-2	D3
Silver	ND	mg/kg	1.2	2	10/02/20 10:03	10/06/20 10:43	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.054	1	09/30/20 18:07	10/01/20 13:48	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	83-32-9	
Acenaphthylene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	208-96-8	
Anthracene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	207-08-9	
Benzoic Acid	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 12:04	65-85-0	
Benzyl alcohol	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	101-55-3	
Butylbenzylphthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	85-68-7	
Carbazole	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	59-50-7	
4-Chloroaniline	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	108-60-1	
2-Chloronaphthalene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-13-SO-(29-30) **Lab ID: 60349352005** Collected: 09/23/20 10:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	355	1	09/30/20 12:08	10/06/20 12:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	7005-72-3	
Chrysene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	53-70-3	
Dibenzofuran	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	120-83-2	
Diethylphthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	105-67-9	
Dimethylphthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	131-11-3	
Di-n-butylphthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 12:04	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 12:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	606-20-2	
Di-n-octylphthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	117-81-7	
Fluoranthene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	206-44-0	
Fluorene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	87-68-3	
Hexachlorobenzene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	77-47-4	
Hexachloroethane	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	193-39-5	
Isophorone	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	78-59-1	
2-Methylnaphthalene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	15831-10-4	
Naphthalene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	91-20-3	
2-Nitroaniline	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	88-74-4	
3-Nitroaniline	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	99-09-2	
4-Nitroaniline	ND	ug/kg	711	1	09/30/20 12:08	10/06/20 12:04	100-01-6	
Nitrobenzene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	98-95-3	
2-Nitrophenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	88-75-5	
4-Nitrophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 12:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	86-30-6	
Pentachlorophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 12:04	87-86-5	
Phenanthrene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	85-01-8	
Phenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	108-95-2	
Pyrene	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	129-00-0	
Pyridine	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-13-SO-(29-30) **Lab ID: 60349352005** Collected: 09/23/20 10:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	355	1	09/30/20 12:08	10/06/20 12:04	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	355	1	09/30/20 12:08	10/06/20 12:04	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	64	%	33-132	1	09/30/20 12:08	10/06/20 12:04	4165-60-0	
2-Fluorobiphenyl (S)	80	%	39-136	1	09/30/20 12:08	10/06/20 12:04	321-60-8	
Terphenyl-d14 (S)	83	%	29-131	1	09/30/20 12:08	10/06/20 12:04	1718-51-0	
Phenol-d6 (S)	71	%	43-95	1	09/30/20 12:08	10/06/20 12:04	13127-88-3	
2-Fluorophenol (S)	72	%	43-96	1	09/30/20 12:08	10/06/20 12:04	367-12-4	
2,4,6-Tribromophenol (S)	70	%	41-108	1	09/30/20 12:08	10/06/20 12:04	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	16.1	1	09/30/20 14:55	10/05/20 17:29		
TPH-DRO	ND	mg/kg	16.1	1	09/30/20 14:55	10/05/20 17:29		
Surrogates								
Nitrobenzene-d5 (S)	84	%	33-132	1	09/30/20 14:55	10/05/20 17:29	4165-60-0	
2-Fluorobiphenyl (S)	88	%	39-136	1	09/30/20 14:55	10/05/20 17:29	321-60-8	
Terphenyl-d14 (S)	92	%	29-131	1	09/30/20 14:55	10/05/20 17:29	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	13.1	1	09/28/20 13:13	09/28/20 21:58	67-64-1	
Benzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-27-4	
Bromoform	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-25-2	
Bromomethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.6	1	09/28/20 13:13	09/28/20 21:58	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.4	1	09/28/20 13:13	09/28/20 21:58	98-06-6	
Carbon disulfide	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	108-90-7	
Chloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-00-3	
Chloroform	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	67-66-3	
Chloromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1	09/28/20 13:13	09/28/20 21:58	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-13-SO-(29-30) **Lab ID: 60349352005** Collected: 09/23/20 10:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	3.3	1	09/28/20 13:13	09/28/20 21:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	10061-02-6	
Ethylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	87-68-3	
2-Hexanone	ND	ug/kg	13.1	1	09/28/20 13:13	09/28/20 21:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	99-87-6	
Methylene Chloride	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.6	1	09/28/20 13:13	09/28/20 21:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1	09/28/20 13:13	09/28/20 21:58	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	103-65-1	
Styrene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	79-34-5	
Tetrachloroethene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	127-18-4	
Toluene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	75-01-4	
Xylene (Total)	ND	ug/kg	3.3	1	09/28/20 13:13	09/28/20 21:58	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	09/28/20 13:13	09/28/20 21:58	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	09/28/20 13:13	09/28/20 21:58	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-13-SO-(29-30) **Lab ID: 60349352005** Collected: 09/23/20 10:11 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/28/20 13:13	09/28/20 21:58	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	0.36	1	09/29/20 09:02	09/29/20 11:12		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	09/29/20 09:02	09/29/20 11:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	09/29/20 09:02	09/29/20 11:12	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	09/29/20 09:02	09/29/20 11:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**7.8**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-14-SO-(13-14) **Lab ID: 60349352006** Collected: 09/23/20 10:50 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	39.6	1	09/30/20 15:02	10/02/20 17:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.6	1	09/30/20 15:02	10/02/20 17:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	28-143	1	09/30/20 15:02	10/02/20 17:07	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**6.7**	mg/kg	1.1	1	10/02/20 10:03	10/06/20 10:46	7440-38-2	
Barium	**81.4**	mg/kg	0.53	1	10/02/20 10:03	10/06/20 10:46	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/02/20 10:03	10/06/20 10:46	7440-43-9	
Chromium	**16.4**	mg/kg	0.53	1	10/02/20 10:03	10/06/20 10:46	7440-47-3	
Lead	**34.7**	mg/kg	1.1	1	10/02/20 10:03	10/06/20 10:46	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/02/20 10:03	10/06/20 10:46	7782-49-2	
Silver	ND	mg/kg	0.75	1	10/02/20 10:03	10/06/20 10:46	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.050	1	09/30/20 18:07	10/01/20 13:51	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	83-32-9	
Acenaphthylene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	208-96-8	
Anthracene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	120-12-7	
Benzo(a)anthracene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	207-08-9	
Benzoic Acid	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 12:25	65-85-0	
Benzyl alcohol	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	101-55-3	
Butylbenzylphthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	85-68-7	
Carbazole	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	59-50-7	
4-Chloroaniline	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	108-60-1	
2-Chloronaphthalene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-14-SO-(13-14) **Lab ID: 60349352006** Collected: 09/23/20 10:50 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	390	1	09/30/20 12:08	10/06/20 12:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	7005-72-3	
Chrysene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	53-70-3	
Dibenzofuran	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	120-83-2	
Diethylphthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	105-67-9	
Dimethylphthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	131-11-3	
Di-n-butylphthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 12:25	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 12:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	606-20-2	
Di-n-octylphthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	117-81-7	
Fluoranthene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	206-44-0	
Fluorene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	87-68-3	
Hexachlorobenzene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	77-47-4	
Hexachloroethane	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	193-39-5	
Isophorone	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	78-59-1	
2-Methylnaphthalene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	15831-10-4	
Naphthalene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	91-20-3	
2-Nitroaniline	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	88-74-4	
3-Nitroaniline	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	99-09-2	
4-Nitroaniline	ND	ug/kg	781	1	09/30/20 12:08	10/06/20 12:25	100-01-6	
Nitrobenzene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	98-95-3	
2-Nitrophenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 12:25	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	86-30-6	
Pentachlorophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 12:25	87-86-5	
Phenanthrene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	85-01-8	
Phenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	108-95-2	
Pyrene	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	129-00-0	
Pyridine	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-14-SO-(13-14) **Lab ID: 60349352006** Collected: 09/23/20 10:50 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	390	1	09/30/20 12:08	10/06/20 12:25	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	390	1	09/30/20 12:08	10/06/20 12:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	62	%	33-132	1	09/30/20 12:08	10/06/20 12:25	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-136	1	09/30/20 12:08	10/06/20 12:25	321-60-8	
Terphenyl-d14 (S)	78	%	29-131	1	09/30/20 12:08	10/06/20 12:25	1718-51-0	
Phenol-d6 (S)	69	%	43-95	1	09/30/20 12:08	10/06/20 12:25	13127-88-3	
2-Fluorophenol (S)	72	%	43-96	1	09/30/20 12:08	10/06/20 12:25	367-12-4	
2,4,6-Tribromophenol (S)	72	%	41-108	1	09/30/20 12:08	10/06/20 12:25	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	18.2	1	09/30/20 14:55	10/05/20 17:48		
TPH-DRO	ND	mg/kg	18.2	1	09/30/20 14:55	10/05/20 17:48		
Surrogates								
Nitrobenzene-d5 (S)	82	%	33-132	1	09/30/20 14:55	10/05/20 17:48	4165-60-0	
2-Fluorobiphenyl (S)	87	%	39-136	1	09/30/20 14:55	10/05/20 17:48	321-60-8	
Terphenyl-d14 (S)	89	%	29-131	1	09/30/20 14:55	10/05/20 17:48	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	15.7	1	09/28/20 13:13	09/28/20 22:14	67-64-1	
Benzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-27-4	
Bromoform	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-25-2	
Bromomethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.8	1	09/28/20 13:13	09/28/20 22:14	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.6	1	09/28/20 13:13	09/28/20 22:14	98-06-6	
Carbon disulfide	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	108-90-7	
Chloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-00-3	
Chloroform	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	67-66-3	
Chloromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	1	09/28/20 13:13	09/28/20 22:14	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	106-93-4	
Dibromomethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-14-SO-(13-14) **Lab ID: 60349352006** Collected: 09/23/20 10:50 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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	09/28/20 13:13	09/28/20 22:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-71-8	SS
1,1-Dichloroethane	**5.1**	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	107-06-2	
1,1-Dichloroethene	**10.8**	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	87-68-3	
2-Hexanone	ND	ug/kg	15.7	1	09/28/20 13:13	09/28/20 22:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	99-87-6	
Methylene Chloride	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.8	1	09/28/20 13:13	09/28/20 22:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	1634-04-4	
Naphthalene	ND	ug/kg	7.8	1	09/28/20 13:13	09/28/20 22:14	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	103-65-1	
Styrene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	127-18-4	
Toluene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	79-00-5	
Trichlorofluoromethane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	108-67-8	
Vinyl chloride	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	75-01-4	
Xylene (Total)	ND	ug/kg	3.9	1	09/28/20 13:13	09/28/20 22:14	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	09/28/20 13:13	09/28/20 22:14	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/28/20 13:13	09/28/20 22:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	78-118	1	09/28/20 13:13	09/28/20 22:14	17060-07-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: DPT-14-SO-(13-14) **Lab ID: 60349352006** Collected: 09/23/20 10:50 Received: 09/24/20 04:44 Matrix: Solid

Results reported on a "dry 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-Dichloroethene (Total)	**1090**	ug/kg	212	1	09/29/20 15:16	09/29/20 19:09	540-59-0	
cis-1,2-Dichloroethene	**1090**	ug/kg	212	1	09/29/20 15:16	09/29/20 19:09	156-59-2	
Trichloroethene	**931**	ug/kg	212	1	09/29/20 15:16	09/29/20 19:09	79-01-6	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	09/29/20 15:16	09/29/20 19:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	83-119	1	09/29/20 15:16	09/29/20 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	78-118	1	09/29/20 15:16	09/29/20 19:09	17060-07-0	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Preparation Method: EPA 5035							
	Pace Analytical Services - Kansas City							
TPH-GRO	**0.75**	mg/kg	0.32	1	09/29/20 09:02	09/29/20 11:27		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	09/29/20 09:02	09/29/20 11:27	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	09/29/20 09:02	09/29/20 11:27	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-123	1	09/29/20 09:02	09/29/20 11:27	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**19.0**	%	0.50	1		09/25/20 11:10		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: PINE LAWN-SO-TB5 **Lab ID: 60349352007** Collected: 09/23/20 12:55 Received: 09/24/20 04:44 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	09/26/20 10:39	09/26/20 16:40	67-64-1	
Benzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-27-4	
Bromoform	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:40	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	09/26/20 10:39	09/26/20 16:40	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-00-3	
Chloroform	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:40	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	09/26/20 10:39	09/26/20 16:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349352

Sample: PINE LAWN-SO-TB5 **Lab ID: 60349352007** Collected: 09/23/20 12:55 Received: 09/24/20 04:44 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	09/26/20 10:39	09/26/20 16:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	09/26/20 10:39	09/26/20 16:40	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	103-65-1	
Styrene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	127-18-4	
Toluene	**8.2**	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	09/26/20 10:39	09/26/20 16:40	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	09/26/20 10:39	09/26/20 16:40	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	09/26/20 10:39	09/26/20 16:40	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	78-118	1	09/26/20 10:39	09/26/20 16:40	17060-07-0	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679970
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002

METHOD BLANK: 2748882 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 12:26	

LABORATORY CONTROL SAMPLE: 2748883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748884 2748885

Parameter	Units	60349230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.53	0.52	0.58	0.53	102	96	75-125	8	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679971
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352003, 60349352004, 60349352005, 60349352006

METHOD BLANK: 2748886
Matrix: Solid
Associated Lab Samples: 60349352003, 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/01/20 13:30	

LABORATORY CONTROL SAMPLE: 2748887

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.45	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748888 2748889

Parameter	Units	60349352003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.58	0.58	0.56	0.64	93	106	75-125	13	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 680402
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

METHOD BLANK: 2750588 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/05/20 20:10	
Barium	mg/kg	ND	0.50	10/05/20 20:10	
Cadmium	mg/kg	ND	0.50	10/05/20 20:10	
Chromium	mg/kg	ND	0.50	10/05/20 20:10	
Lead	mg/kg	ND	1.0	10/05/20 20:10	
Selenium	mg/kg	ND	1.5	10/05/20 20:10	
Silver	mg/kg	ND	0.70	10/05/20 20:10	

LABORATORY CONTROL SAMPLE: 2750589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	98.5	98	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	95.9	96	80-120	
Chromium	mg/kg	100	102	102	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	91.8	92	80-120	
Silver	mg/kg	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750590 2750591

Parameter	Units	60349310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.8	92.7	94.2	87.0	89.8	84	86	75-125	3	20	
Barium	mg/kg	515	92.7	94.2	658	1070	155	586	75-125	47	20	M1,R1
Cadmium	mg/kg	0.66	92.7	94.2	78.0	75.8	83	80	75-125	3	20	E
Chromium	mg/kg	35.6	92.7	94.2	130	141	102	112	75-125	8	20	E
Lead	mg/kg	20.1	92.7	94.2	103	108	90	93	75-125	4	20	E
Selenium	mg/kg	ND	92.7	94.2	73.7	70.6	80	75	75-125	4	20	E
Silver	mg/kg	ND	46.4	47.1	42.0	42.0	89	88	75-125	0	20	E

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679165
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: 60349352007

METHOD BLANK: 2746317
Matrix: Solid
Associated Lab Samples: 60349352007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
1,1-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/26/20 11:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethane	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
1,3-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
2,2-Dichloropropane	ug/kg	ND	5.0	09/26/20 11:27	
2-Butanone (MEK)	ug/kg	ND	10.0	09/26/20 11:27	
2-Chlorotoluene	ug/kg	ND	5.0	09/26/20 11:27	
2-Hexanone	ug/kg	ND	20.0	09/26/20 11:27	
4-Chlorotoluene	ug/kg	ND	5.0	09/26/20 11:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/26/20 11:27	
Acetone	ug/kg	ND	20.0	09/26/20 11:27	
Benzene	ug/kg	ND	5.0	09/26/20 11:27	
Bromobenzene	ug/kg	ND	5.0	09/26/20 11:27	
Bromochloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Bromodichloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Bromoform	ug/kg	ND	5.0	09/26/20 11:27	
Bromomethane	ug/kg	ND	5.0	09/26/20 11:27	
Carbon disulfide	ug/kg	ND	5.0	09/26/20 11:27	
Carbon tetrachloride	ug/kg	ND	5.0	09/26/20 11:27	
Chlorobenzene	ug/kg	ND	5.0	09/26/20 11:27	
Chloroethane	ug/kg	ND	5.0	09/26/20 11:27	
Chloroform	ug/kg	ND	5.0	09/26/20 11:27	
Chloromethane	ug/kg	ND	5.0	09/26/20 11:27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

METHOD BLANK: 2746317 Matrix: Solid
Associated Lab Samples: 60349352007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
Dibromochloromethane	ug/kg	ND	5.0	09/26/20 11:27	
Dibromomethane	ug/kg	ND	5.0	09/26/20 11:27	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/26/20 11:27	
Ethylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/26/20 11:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/26/20 11:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/26/20 11:27	
Methylene Chloride	ug/kg	ND	5.0	09/26/20 11:27	
n-Butylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
n-Propylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Naphthalene	ug/kg	ND	10.0	09/26/20 11:27	
p-Isopropyltoluene	ug/kg	ND	5.0	09/26/20 11:27	
sec-Butylbenzene	ug/kg	ND	5.0	09/26/20 11:27	
Styrene	ug/kg	ND	5.0	09/26/20 11:27	
tert-Butylbenzene	ug/kg	ND	25.0	09/26/20 11:27	
Tetrachloroethene	ug/kg	ND	5.0	09/26/20 11:27	
Toluene	ug/kg	ND	5.0	09/26/20 11:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/26/20 11:27	
Trichloroethene	ug/kg	ND	5.0	09/26/20 11:27	
Trichlorofluoromethane	ug/kg	ND	5.0	09/26/20 11:27	
Vinyl chloride	ug/kg	ND	5.0	09/26/20 11:27	
Xylene (Total)	ug/kg	ND	5.0	09/26/20 11:27	
1,2-Dichloroethane-d4 (S)	%	97	78-118	09/26/20 11:27	
4-Bromofluorobenzene (S)	%	96	85-115	09/26/20 11:27	
Toluene-d8 (S)	%	103	80-120	09/26/20 11:27	

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	112	112	84-125	
1,1,1-Trichloroethane	ug/kg	100	107	107	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	99.3	99	76-121	
1,1,2-Trichloroethane	ug/kg	100	107	107	83-118	
1,1-Dichloroethane	ug/kg	100	107	107	74-120	
1,1-Dichloroethene	ug/kg	100	105	105	71-124	
1,1-Dichloropropene	ug/kg	100	94.2	94	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	111	111	81-123	
1,2,3-Trichloropropane	ug/kg	100	103	103	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	113	113	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	108	108	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	99.8	100	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	109	109	64-137	
1,2-Dichlorobenzene	ug/kg	100	108	108	83-119	
1,2-Dichloroethane	ug/kg	100	94.9	95	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	212	106	82-117	
1,2-Dichloropropane	ug/kg	100	101	101	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	109	109	81-122	
1,3-Dichlorobenzene	ug/kg	100	109	109	83-119	
1,3-Dichloropropane	ug/kg	100	105	105	83-118	
1,4-Dichlorobenzene	ug/kg	100	102	102	83-116	
2,2-Dichloropropane	ug/kg	100	105	105	76-124	
2-Butanone (MEK)	ug/kg	500	475	95	63-122	
2-Chlorotoluene	ug/kg	100	105	105	79-119	
2-Hexanone	ug/kg	500	493	99	68-122	
4-Chlorotoluene	ug/kg	100	108	108	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	488	98	63-128	
Acetone	ug/kg	500	463	93	55-124	
Benzene	ug/kg	100	99.7	100	67-126	
Bromobenzene	ug/kg	100	107	107	85-117	
Bromochloromethane	ug/kg	100	108	108	78-122	
Bromodichloromethane	ug/kg	100	106	106	82-120	
Bromoform	ug/kg	100	122	122	77-133	
Bromomethane	ug/kg	100	82.6	83	20-168	
Carbon disulfide	ug/kg	100	116	116	60-133	
Carbon tetrachloride	ug/kg	100	116	116	79-128	
Chlorobenzene	ug/kg	100	109	109	84-118	
Chloroethane	ug/kg	100	89.1	89	53-139	
Chloroform	ug/kg	100	103	103	82-120	
Chloromethane	ug/kg	100	55.6	56	33-143	
cis-1,2-Dichloroethene	ug/kg	100	104	104	83-117	
cis-1,3-Dichloropropene	ug/kg	100	102	102	80-122	
Dibromochloromethane	ug/kg	100	119	119	82-128	
Dibromomethane	ug/kg	100	104	104	82-119	
Dichlorodifluoromethane	ug/kg	100	32.2	32	12-159	
Ethylbenzene	ug/kg	100	108	108	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	116	116	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	109	109	83-122	
Methyl-tert-butyl ether	ug/kg	100	101	101	58-137	
Methylene Chloride	ug/kg	100	96.6	97	68-125	
n-Butylbenzene	ug/kg	100	116	116	73-131	
n-Propylbenzene	ug/kg	100	110	110	82-122	
Naphthalene	ug/kg	100	112	112	60-136	
p-Isopropyltoluene	ug/kg	100	101	101	74-129	
sec-Butylbenzene	ug/kg	100	121	121	71-133	
Styrene	ug/kg	100	113	113	84-121	
tert-Butylbenzene	ug/kg	100	109	109	81-122	
Tetrachloroethene	ug/kg	100	117	117	78-130	
Toluene	ug/kg	100	105	105	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2746318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	108	108	78-118	
trans-1,3-Dichloropropene	ug/kg	100	112	112	81-123	
Trichloroethene	ug/kg	100	110	110	78-127	
Trichlorofluoromethane	ug/kg	100	106	106	64-133	
Vinyl chloride	ug/kg	100	70.2	70	45-139	
Xylene (Total)	ug/kg	300	324	108	69-130	
1,2-Dichloroethane-d4 (S)	%			95	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746319 2746320

Parameter	Units	60348965021 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	148	149	117	117	79	78	13-133	1	39	
1,1,1-Trichloroethane	ug/kg	ND	148	149	111	107	75	72	30-131	4	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	148	149	106	112	72	75	10-139	5	49	
1,1,2-Trichloroethane	ug/kg	ND	148	149	112	113	76	76	10-145	1	41	
1,1-Dichloroethane	ug/kg	ND	148	149	92.2	89.0	62	60	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	148	149	92.5	88.8	63	60	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	148	149	110	105	74	70	29-116	5	30	
1,2,3-Trichlorobenzene	ug/kg	ND	148	149	113	112	76	75	10-115	1	40	
1,2,3-Trichloropropane	ug/kg	ND	148	149	109	115	74	78	10-150	5	46	
1,2,4-Trichlorobenzene	ug/kg	ND	148	149	114	112	77	76	10-115	2	44	
1,2,4-Trimethylbenzene	ug/kg	ND	148	149	111	109	75	73	10-123	2	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	148	149	106	114	72	77	10-136	7	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	148	149	113	115	76	78	24-149	2	29	
1,2-Dichlorobenzene	ug/kg	ND	148	149	110	109	74	73	10-123	1	41	
1,2-Dichloroethane	ug/kg	ND	148	149	98.2	97.8	66	66	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	296	297	210	203	71	68	30-119	4	32	
1,2-Dichloropropane	ug/kg	ND	148	149	107	103	72	70	13-132	3	33	
1,3,5-Trimethylbenzene	ug/kg	ND	148	149	112	110	76	74	10-124	2	40	
1,3-Dichlorobenzene	ug/kg	ND	148	149	113	110	76	74	10-122	3	42	
1,3-Dichloropropane	ug/kg	ND	148	149	110	111	74	74	10-135	1	36	
1,4-Dichlorobenzene	ug/kg	ND	148	149	111	110	75	74	10-120	1	38	
2,2-Dichloropropane	ug/kg	ND	148	149	105	102	71	68	22-135	4	31	
2-Butanone (MEK)	ug/kg	ND	739	744	482	542	65	73	12-127	12	37	
2-Chlorotoluene	ug/kg	ND	148	149	110	107	74	72	10-126	3	38	
2-Hexanone	ug/kg	ND	739	744	516	561	70	75	10-135	8	37	
4-Chlorotoluene	ug/kg	ND	148	149	112	109	76	73	10-129	3	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	739	744	502	541	68	73	10-129	7	36	
Acetone	ug/kg	ND	739	744	444	511	59	68	10-143	14	34	
Benzene	ug/kg	ND	148	149	106	101	71	68	37-135	4	24	
Bromobenzene	ug/kg	ND	148	149	112	110	76	74	10-134	2	45	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746319 2746320

Parameter	Units	60348965021 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	148	149	112	109	76	73	17-129	3	34	
Bromodichloromethane	ug/kg	ND	148	149	113	111	77	75	12-130	2	33	
Bromoform	ug/kg	ND	148	149	123	127	83	85	10-135	3	39	
Bromomethane	ug/kg	ND	148	149	66.6	60.6	45	41	10-124	9	41	
Carbon disulfide	ug/kg	ND	148	149	79.3	76.0	54	51	17-116	4	28	
Carbon tetrachloride	ug/kg	ND	148	149	116	111	79	75	29-127	4	35	
Chlorobenzene	ug/kg	ND	148	149	117	115	79	77	10-133	2	33	
Chloroethane	ug/kg	ND	148	149	69.3	65.9	47	44	25-116	5	33	
Chloroform	ug/kg	ND	148	149	110	108	75	73	20-130	2	30	
Chloromethane	ug/kg	ND	148	149	41.8	39.9	28	27	10-113	5	31	
cis-1,2-Dichloroethene	ug/kg	ND	148	149	107	103	72	70	22-126	3	31	
cis-1,3-Dichloropropene	ug/kg	ND	148	149	110	107	74	72	10-125	3	34	
Dibromochloromethane	ug/kg	ND	148	149	119	120	81	81	10-138	0	38	
Dibromomethane	ug/kg	ND	148	149	110	111	75	75	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	148	149	28.9	27.0	20	18	10-114	7	33	
Ethylbenzene	ug/kg	ND	148	149	117	115	79	77	31-142	2	25	
Hexachloro-1,3-butadiene	ug/kg	ND	148	149	119	116	81	78	10-124	3	41	
Isopropylbenzene (Cumene)	ug/kg	ND	148	149	120	118	81	79	17-120	2	34	
Methyl-tert-butyl ether	ug/kg	ND	148	149	95.5	96.2	65	65	30-143	1	28	
Methylene Chloride	ug/kg	ND	148	149	91.8	90.3	62	61	24-121	2	33	
n-Butylbenzene	ug/kg	ND	148	149	114	111	77	75	10-121	3	36	
n-Propylbenzene	ug/kg	ND	148	149	114	113	77	76	12-125	1	37	
Naphthalene	ug/kg	ND	148	149	115	119	78	80	10-156	4	34	
p-Isopropyltoluene	ug/kg	ND	148	149	114	112	77	75	10-119	2	37	
sec-Butylbenzene	ug/kg	ND	148	149	115	112	78	75	10-127	2	40	
Styrene	ug/kg	ND	148	149	116	114	78	77	10-124	1	37	
tert-Butylbenzene	ug/kg	ND	148	149	114	112	77	75	10-126	2	37	
Tetrachloroethene	ug/kg	ND	148	149	124	120	84	80	15-133	4	36	
Toluene	ug/kg	ND	148	149	112	109	76	73	40-137	3	25	
trans-1,2-Dichloroethene	ug/kg	ND	148	149	103	99.2	70	67	22-129	4	34	
trans-1,3-Dichloropropene	ug/kg	ND	148	149	110	110	75	74	10-130	0	35	
Trichloroethene	ug/kg	ND	148	149	115	111	78	75	19-135	4	34	
Trichlorofluoromethane	ug/kg	ND	148	149	83.3	80.7	56	54	16-132	3	28	
Vinyl chloride	ug/kg	ND	148	149	52.7	49.6	36	33	14-116	6	28	
Xylene (Total)	ug/kg	ND	443	446	344	337	77	75	19-153	2	27	
1,2-Dichloroethane-d4 (S)	%						102	102	78-118			
4-Bromofluorobenzene (S)	%						95	96	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679357
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: 60349352004, 60349352005, 60349352006

METHOD BLANK: 2747075
Matrix: Solid
Associated Lab Samples: 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
1,1-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	09/28/20 20:56	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethane	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
1,3-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
2,2-Dichloropropane	ug/kg	ND	5.0	09/28/20 20:56	
2-Butanone (MEK)	ug/kg	ND	10.0	09/28/20 20:56	
2-Chlorotoluene	ug/kg	ND	5.0	09/28/20 20:56	
2-Hexanone	ug/kg	ND	20.0	09/28/20 20:56	
4-Chlorotoluene	ug/kg	ND	5.0	09/28/20 20:56	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/28/20 20:56	
Acetone	ug/kg	ND	20.0	09/28/20 20:56	
Benzene	ug/kg	ND	5.0	09/28/20 20:56	
Bromobenzene	ug/kg	ND	5.0	09/28/20 20:56	
Bromochloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Bromodichloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Bromoform	ug/kg	ND	5.0	09/28/20 20:56	
Bromomethane	ug/kg	ND	5.0	09/28/20 20:56	
Carbon disulfide	ug/kg	ND	5.0	09/28/20 20:56	
Carbon tetrachloride	ug/kg	ND	5.0	09/28/20 20:56	
Chlorobenzene	ug/kg	ND	5.0	09/28/20 20:56	
Chloroethane	ug/kg	ND	5.0	09/28/20 20:56	
Chloroform	ug/kg	ND	5.0	09/28/20 20:56	
Chloromethane	ug/kg	ND	5.0	09/28/20 20:56	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

METHOD BLANK: 2747075 Matrix: Solid
Associated Lab Samples: 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
Dibromochloromethane	ug/kg	ND	5.0	09/28/20 20:56	
Dibromomethane	ug/kg	ND	5.0	09/28/20 20:56	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/28/20 20:56	
Ethylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/28/20 20:56	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/28/20 20:56	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/28/20 20:56	
Methylene Chloride	ug/kg	ND	5.0	09/28/20 20:56	
n-Butylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
n-Propylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Naphthalene	ug/kg	ND	10.0	09/28/20 20:56	
p-Isopropyltoluene	ug/kg	ND	5.0	09/28/20 20:56	
sec-Butylbenzene	ug/kg	ND	5.0	09/28/20 20:56	
Styrene	ug/kg	ND	5.0	09/28/20 20:56	
tert-Butylbenzene	ug/kg	ND	25.0	09/28/20 20:56	
Tetrachloroethene	ug/kg	ND	5.0	09/28/20 20:56	
Toluene	ug/kg	ND	5.0	09/28/20 20:56	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/28/20 20:56	
Trichloroethene	ug/kg	ND	5.0	09/28/20 20:56	
Trichlorofluoromethane	ug/kg	ND	5.0	09/28/20 20:56	
Vinyl chloride	ug/kg	ND	5.0	09/28/20 20:56	
Xylene (Total)	ug/kg	ND	5.0	09/28/20 20:56	
1,2-Dichloroethane-d4 (S)	%	94	78-118	09/28/20 20:56	
4-Bromofluorobenzene (S)	%	97	85-115	09/28/20 20:56	
Toluene-d8 (S)	%	102	80-120	09/28/20 20:56	

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	110	110	84-125	
1,1,1-Trichloroethane	ug/kg	100	98.0	98	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	96.5	97	76-121	
1,1,2-Trichloroethane	ug/kg	100	108	108	83-118	
1,1-Dichloroethane	ug/kg	100	111	111	74-120	
1,1-Dichloroethene	ug/kg	100	106	106	71-124	
1,1-Dichloropropene	ug/kg	100	87.9	88	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	106	106	81-123	
1,2,3-Trichloropropane	ug/kg	100	104	104	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	103	103	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	99.1	99	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	97.0	97	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	111	111	64-137	
1,2-Dichlorobenzene	ug/kg	100	104	104	83-119	
1,2-Dichloroethane	ug/kg	100	98.5	98	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	211	105	82-117	
1,2-Dichloropropane	ug/kg	100	102	102	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	99.2	99	81-122	
1,3-Dichlorobenzene	ug/kg	100	103	103	83-119	
1,3-Dichloropropane	ug/kg	100	108	108	83-118	
1,4-Dichlorobenzene	ug/kg	100	97.6	98	83-116	
2,2-Dichloropropane	ug/kg	100	92.7	93	76-124	
2-Butanone (MEK)	ug/kg	500	478	96	63-122	
2-Chlorotoluene	ug/kg	100	98.8	99	79-119	
2-Hexanone	ug/kg	500	489	98	68-122	
4-Chlorotoluene	ug/kg	100	101	101	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	485	97	63-128	
Acetone	ug/kg	500	450	90	55-124	
Benzene	ug/kg	100	99.3	99	67-126	
Bromobenzene	ug/kg	100	105	105	85-117	
Bromochloromethane	ug/kg	100	114	114	78-122	
Bromodichloromethane	ug/kg	100	108	108	82-120	
Bromoform	ug/kg	100	121	121	77-133	
Bromomethane	ug/kg	100	96.8	97	20-168	
Carbon disulfide	ug/kg	100	120	120	60-133	
Carbon tetrachloride	ug/kg	100	105	105	79-128	
Chlorobenzene	ug/kg	100	106	106	84-118	
Chloroethane	ug/kg	100	99.4	99	53-139	
Chloroform	ug/kg	100	104	104	82-120	
Chloromethane	ug/kg	100	74.9	75	33-143	
cis-1,2-Dichloroethene	ug/kg	100	105	105	83-117	
cis-1,3-Dichloropropene	ug/kg	100	103	103	80-122	
Dibromochloromethane	ug/kg	100	120	120	82-128	
Dibromomethane	ug/kg	100	109	109	82-119	
Dichlorodifluoromethane	ug/kg	100	59.9	60	12-159	
Ethylbenzene	ug/kg	100	102	102	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	98.5	99	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	99.7	100	83-122	
Methyl-tert-butyl ether	ug/kg	100	102	102	58-137	
Methylene Chloride	ug/kg	100	101	101	68-125	
n-Butylbenzene	ug/kg	100	99.5	100	73-131	
n-Propylbenzene	ug/kg	100	97.7	98	82-122	
Naphthalene	ug/kg	100	110	110	60-136	
p-Isopropyltoluene	ug/kg	100	89.6	90	74-129	
sec-Butylbenzene	ug/kg	100	105	105	71-133	
Styrene	ug/kg	100	110	110	84-121	
tert-Butylbenzene	ug/kg	100	98.0	98	81-122	
Tetrachloroethene	ug/kg	100	106	106	78-130	
Toluene	ug/kg	100	101	101	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	106	106	78-118	
trans-1,3-Dichloropropene	ug/kg	100	109	109	81-123	
Trichloroethene	ug/kg	100	105	105	78-127	
Trichlorofluoromethane	ug/kg	100	108	108	64-133	
Vinyl chloride	ug/kg	100	88.4	88	45-139	
Xylene (Total)	ug/kg	300	306	102	69-130	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

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: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679322
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: 60349352001, 60349352002, 60349352003

METHOD BLANK: 2746917
Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,1-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1,2-Trichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
1,1-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,3-Trichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2,4-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	09/29/20 02:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,3,5-Trimethylbenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
1,3-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
1,4-Dichlorobenzene	ug/kg	ND	250	09/29/20 02:05	
2,2-Dichloropropane	ug/kg	ND	250	09/29/20 02:05	
2-Butanone (MEK)	ug/kg	ND	500	09/29/20 02:05	
2-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
2-Hexanone	ug/kg	ND	1000	09/29/20 02:05	
4-Chlorotoluene	ug/kg	ND	250	09/29/20 02:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	09/29/20 02:05	
Acetone	ug/kg	ND	1000	09/29/20 02:05	
Benzene	ug/kg	ND	250	09/29/20 02:05	
Bromobenzene	ug/kg	ND	250	09/29/20 02:05	
Bromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromodichloromethane	ug/kg	ND	250	09/29/20 02:05	
Bromoform	ug/kg	ND	250	09/29/20 02:05	
Bromomethane	ug/kg	ND	250	09/29/20 02:05	
Carbon disulfide	ug/kg	ND	250	09/29/20 02:05	
Carbon tetrachloride	ug/kg	ND	250	09/29/20 02:05	
Chlorobenzene	ug/kg	ND	250	09/29/20 02:05	
Chloroethane	ug/kg	ND	250	09/29/20 02:05	
Chloroform	ug/kg	ND	250	09/29/20 02:05	
Chloromethane	ug/kg	ND	250	09/29/20 02:05	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

METHOD BLANK: 2746917 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
cis-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Dibromochloromethane	ug/kg	ND	250	09/29/20 02:05	
Dibromomethane	ug/kg	ND	250	09/29/20 02:05	
Dichlorodifluoromethane	ug/kg	ND	250	09/29/20 02:05	
Ethylbenzene	ug/kg	ND	250	09/29/20 02:05	
Hexachloro-1,3-butadiene	ug/kg	ND	250	09/29/20 02:05	
Isopropylbenzene (Cumene)	ug/kg	ND	250	09/29/20 02:05	
Methyl-tert-butyl ether	ug/kg	ND	250	09/29/20 02:05	
Methylene Chloride	ug/kg	ND	250	09/29/20 02:05	
n-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
n-Propylbenzene	ug/kg	ND	250	09/29/20 02:05	
Naphthalene	ug/kg	ND	500	09/29/20 02:05	
p-Isopropyltoluene	ug/kg	ND	250	09/29/20 02:05	
sec-Butylbenzene	ug/kg	ND	250	09/29/20 02:05	
Styrene	ug/kg	ND	250	09/29/20 02:05	
tert-Butylbenzene	ug/kg	ND	1250	09/29/20 02:05	
Tetrachloroethene	ug/kg	ND	250	09/29/20 02:05	
Toluene	ug/kg	ND	250	09/29/20 02:05	
trans-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 02:05	
trans-1,3-Dichloropropene	ug/kg	ND	250	09/29/20 02:05	
Trichloroethene	ug/kg	ND	250	09/29/20 02:05	
Trichlorofluoromethane	ug/kg	ND	250	09/29/20 02:05	
Vinyl chloride	ug/kg	ND	250	09/29/20 02:05	
Xylene (Total)	ug/kg	ND	250	09/29/20 02:05	
1,2-Dichloroethane-d4 (S)	%	93	78-118	09/29/20 02:05	
4-Bromofluorobenzene (S)	%	96	83-119	09/29/20 02:05	
Toluene-d8 (S)	%	104	80-120	09/29/20 02:05	

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	5000	5490	110	80-119	
1,1,1-Trichloroethane	ug/kg	5000	4810	96	77-121	
1,1,2,2-Tetrachloroethane	ug/kg	5000	4980	100	74-116	
1,1,2-Trichloroethane	ug/kg	5000	5470	109	76-115	
1,1-Dichloroethane	ug/kg	5000	4590	92	77-120	
1,1-Dichloroethene	ug/kg	5000	5240	105	66-129	
1,1-Dichloropropene	ug/kg	5000	4240	85	79-121	
1,2,3-Trichlorobenzene	ug/kg	5000	5120	102	80-120	
1,2,3-Trichloropropane	ug/kg	5000	5210	104	74-118	
1,2,4-Trichlorobenzene	ug/kg	5000	4780	96	75-120	
1,2,4-Trimethylbenzene	ug/kg	5000	4850	97	77-116	
1,2-Dibromo-3-chloropropane	ug/kg	5000	5010	100	74-121	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	5000	5600	112	80-117	
1,2-Dichlorobenzene	ug/kg	5000	5170	103	48-146	
1,2-Dichloroethane	ug/kg	5000	4880	98	74-110	
1,2-Dichloroethene (Total)	ug/kg	10000	10500	105	79-120	
1,2-Dichloropropane	ug/kg	5000	5030	101	79-115	
1,3,5-Trimethylbenzene	ug/kg	5000	4820	96	76-115	
1,3-Dichlorobenzene	ug/kg	5000	5000	100	76-115	
1,3-Dichloropropane	ug/kg	5000	5390	108	75-111	
1,4-Dichlorobenzene	ug/kg	5000	4700	94	73-119	
2,2-Dichloropropane	ug/kg	5000	4340	87	76-121	
2-Butanone (MEK)	ug/kg	25000	23700	95	70-116	
2-Chlorotoluene	ug/kg	5000	4840	97	78-117	
2-Hexanone	ug/kg	25000	24500	98	71-117	
4-Chlorotoluene	ug/kg	5000	4890	98	77-115	
4-Methyl-2-pentanone (MIBK)	ug/kg	25000	24500	98	73-116	
Acetone	ug/kg	25000	21900	88	60-125	
Benzene	ug/kg	5000	4910	98	73-117	
Bromobenzene	ug/kg	5000	5200	104	79-115	
Bromochloromethane	ug/kg	5000	5730	115	76-116	
Bromodichloromethane	ug/kg	5000	5350	107	80-120	
Bromoform	ug/kg	5000	6010	120	77-127	
Bromomethane	ug/kg	5000	4740	95	29-165	
Carbon disulfide	ug/kg	5000	5980	120	54-133	
Carbon tetrachloride	ug/kg	5000	5090	102	78-126	
Chlorobenzene	ug/kg	5000	5250	105	63-130	
Chloroethane	ug/kg	5000	4810	96	31-170	
Chloroform	ug/kg	5000	5170	103	80-118	
Chloromethane	ug/kg	5000	3470	69	10-168	
cis-1,2-Dichloroethene	ug/kg	5000	5210	104	80-117	
cis-1,3-Dichloropropene	ug/kg	5000	4970	99	80-120	
Dibromochloromethane	ug/kg	5000	5980	120	78-122	
Dibromomethane	ug/kg	5000	5390	108	78-119	
Dichlorodifluoromethane	ug/kg	5000	2630	53	10-206	
Ethylbenzene	ug/kg	5000	4940	99	73-121	
Hexachloro-1,3-butadiene	ug/kg	5000	4600	92	75-129	
Isopropylbenzene (Cumene)	ug/kg	5000	4860	97	74-115	
Methyl-tert-butyl ether	ug/kg	5000	5160	103	73-129	
Methylene Chloride	ug/kg	5000	5070	101	70-128	
n-Butylbenzene	ug/kg	5000	4670	93	78-123	
n-Propylbenzene	ug/kg	5000	4720	94	77-120	
Naphthalene	ug/kg	5000	5500	110	76-120	
p-Isopropyltoluene	ug/kg	5000	4290	86	78-117	
sec-Butylbenzene	ug/kg	5000	5090	102	83-126	
Styrene	ug/kg	5000	5390	108	80-117	
tert-Butylbenzene	ug/kg	5000	4710	94	79-117	
Tetrachloroethene	ug/kg	5000	5140	103	72-122	
Toluene	ug/kg	5000	5030	101	77-119	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2746918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	5000	5300	106	75-123	
trans-1,3-Dichloropropene	ug/kg	5000	5360	107	79-124	
Trichloroethene	ug/kg	5000	5150	103	82-128	
Trichlorofluoromethane	ug/kg	5000	5250	105	56-129	
Vinyl chloride	ug/kg	5000	4220	84	36-176	
Xylene (Total)	ug/kg	15000	14900	99	76-119	
1,2-Dichloroethane-d4 (S)	%			95	78-118	
4-Bromofluorobenzene (S)	%			94	83-119	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3090	3350	91	98	12-128	8	59	
1,1,1-Trichloroethane	ug/kg	ND	3410	3410	2770	3060	81	90	15-131	10	75	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3410	3410	3250	3540	95	104	10-132	8	65	
1,1,2-Trichloroethane	ug/kg	ND	3410	3410	3610	3910	106	115	14-132	8	54	
1,1-Dichloroethane	ug/kg	ND	3410	3410	3020	2870	89	84	23-126	5	64	
1,1-Dichloroethene	ug/kg	ND	3410	3410	2670	2990	78	88	20-129	11	80	
1,1-Dichloropropene	ug/kg	ND	3410	3410	2480	2820	73	83	15-127	13	78	
1,2,3-Trichlorobenzene	ug/kg	ND	3410	3410	3180	3450	93	101	10-124	8	67	
1,2,3-Trichloropropane	ug/kg	ND	3410	3410	3300	3610	97	106	19-125	9	51	
1,2,4-Trichlorobenzene	ug/kg	ND	3410	3410	3020	3310	89	97	10-129	9	73	
1,2,4-Trimethylbenzene	ug/kg	ND	3410	3410	2980	3290	87	96	10-124	10	68	
1,2-Dibromo-3-chloropropane	ug/kg	ND	3410	3410	3430	3630	101	107	10-135	6	56	
1,2-Dibromoethane (EDB)	ug/kg	ND	3410	3410	3250	3580	95	105	23-123	10	50	
1,2-Dichlorobenzene	ug/kg	ND	3410	3410	3190	3450	94	101	10-126	8	60	
1,2-Dichloroethane	ug/kg	ND	3410	3410	2870	3160	84	93	27-116	10	45	
1,2-Dichloroethene (Total)	ug/kg	ND	6820	6820	5890	6490	86	95	20-127	10	64	
1,2-Dichloropropane	ug/kg	ND	3410	3410	3030	3380	89	99	21-125	11	57	
1,3,5-Trimethylbenzene	ug/kg	ND	3410	3410	2950	3280	86	96	10-125	11	65	
1,3-Dichlorobenzene	ug/kg	ND	3410	3410	3050	3320	90	97	10-126	8	63	
1,3-Dichloropropane	ug/kg	ND	3410	3410	3100	3380	91	99	24-114	8	51	
1,4-Dichlorobenzene	ug/kg	ND	3410	3410	2930	3180	86	93	10-126	8	62	
2,2-Dichloropropane	ug/kg	ND	3410	3410	2480	2800	73	82	17-124	12	70	
2-Butanone (MEK)	ug/kg	ND	17000	17000	14600	16500	84	95	29-120	12	50	
2-Chlorotoluene	ug/kg	ND	3410	3410	2940	3230	85	94	10-138	9	70	
2-Hexanone	ug/kg	ND	17000	17000	14900	16700	87	98	25-121	12	51	
4-Chlorotoluene	ug/kg	ND	3410	3410	2960	3260	87	96	10-112	10	62	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	17000	17000	15000	16900	88	99	23-131	12	50	
Acetone	ug/kg	ND	17000	17000	14000	15600	81	91	15-129	11	49	
Benzene	ug/kg	ND	3410	3410	2820	3110	83	91	17-134	10	53	
Bromobenzene	ug/kg	ND	3410	3410	3110	3400	91	100	10-129	9	63	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746919 2746920

Parameter	Units	60349230005 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	3410	3410	3250	3600	95	106	28-118	10	53	
Bromodichloromethane	ug/kg	ND	3410	3410	3170	3480	93	102	21-126	10	59	
Bromoform	ug/kg	ND	3410	3410	3330	3600	98	106	14-127	8	60	
Bromomethane	ug/kg	ND	3410	3410	1090	1220	31	35	10-121	11	67	
Carbon disulfide	ug/kg	ND	3410	3410	2730	3000	80	88	10-122	10	78	
Carbon tetrachloride	ug/kg	ND	3410	3410	2790	3110	82	91	10-134	11	82	
Chlorobenzene	ug/kg	ND	3410	3410	3020	3330	89	98	10-126	10	60	
Chloroethane	ug/kg	ND	3410	3410	732	842	21	25	10-133	14	79	
Chloroform	ug/kg	ND	3410	3410	3010	3320	88	97	24-126	10	60	
Chloromethane	ug/kg	ND	3410	3410	1320	1380	38	40	10-125	5	78	
cis-1,2-Dichloroethene	ug/kg	ND	3410	3410	2980	3270	88	96	18-131	9	62	
cis-1,3-Dichloropropene	ug/kg	ND	3410	3410	2900	3200	85	94	24-117	10	60	
Dibromochloromethane	ug/kg	ND	3410	3410	3300	3550	97	104	22-117	7	59	
Dibromomethane	ug/kg	ND	3410	3410	3170	3470	93	102	29-118	9	52	
Dichlorodifluoromethane	ug/kg	ND	3410	3410	745	802	22	24	10-161	7	84	
Ethylbenzene	ug/kg	ND	3410	3410	2910	3200	85	93	10-137	10	60	
Hexachloro-1,3-butadiene	ug/kg	ND	3410	3410	2860	3180	84	93	10-124	10	76	
Isopropylbenzene (Cumene)	ug/kg	353	3410	3410	3260	3620	85	96	10-123	11	72	
Methyl-tert-butyl ether	ug/kg	ND	3410	3410	2980	3290	87	96	31-126	10	42	
Methylene Chloride	ug/kg	ND	3410	3410	2890	3160	82	90	23-117	9	59	
n-Butylbenzene	ug/kg	554	3410	3410	3580	4020	89	102	10-130	11	78	
n-Propylbenzene	ug/kg	595	3410	3410	3550	3890	87	97	10-121	9	70	
Naphthalene	ug/kg	ND	3410	3410	3560	3870	105	114	10-131	8	63	
p-Isopropyltoluene	ug/kg	309	3410	3410	3090	3410	82	91	10-127	10	76	
sec-Butylbenzene	ug/kg	318	3410	3410	3440	3810	92	102	10-137	10	81	
Styrene	ug/kg	ND	3410	3410	3130	3470	92	102	10-119	10	56	
tert-Butylbenzene	ug/kg	ND	3410	3410	2960	3330	86	97	10-121	12	80	
Tetrachloroethene	ug/kg	ND	3410	3410	2880	3220	85	94	10-131	11	78	
Toluene	ug/kg	ND	3410	3410	2860	3140	84	92	13-131	9	60	
trans-1,2-Dichloroethene	ug/kg	ND	3410	3410	2900	3220	85	94	22-125	10	70	
trans-1,3-Dichloropropene	ug/kg	ND	3410	3410	3000	3300	88	97	20-122	9	54	
Trichloroethene	ug/kg	ND	3410	3410	3020	3380	89	99	14-144	11	69	
Trichlorofluoromethane	ug/kg	ND	3410	3410	2650	2940	78	86	10-134	10	86	
Vinyl chloride	ug/kg	ND	3410	3410	1460	1620	43	47	10-141	10	81	
Xylene (Total)	ug/kg	ND	10200	10200	8720	9650	85	94	10-137	10	58	
1,2-Dichloroethane-d4 (S)	%						94	95	78-118			
4-Bromofluorobenzene (S)	%						104	103	83-119			
Toluene-d8 (S)	%						102	100	80-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679697
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: 60349352006

METHOD BLANK: 2748116
Matrix: Solid
Associated Lab Samples: 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	09/29/20 16:18	
Trichloroethene	ug/kg	ND	250	09/29/20 16:18	
1,2-Dichloroethane-d4 (S)	%	95	78-118	09/29/20 16:18	
4-Bromofluorobenzene (S)	%	96	83-119	09/29/20 16:18	
Toluene-d8 (S)	%	102	80-120	09/29/20 16:18	

LABORATORY CONTROL SAMPLE: 2748117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/kg	5000	4830	97	80-117	
Trichloroethene	ug/kg	5000	5130	103	82-128	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	83-119	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679323
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: 60349352001, 60349352002, 60349352003

METHOD BLANK: 2746921 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	25.0	09/29/20 16:18	
1,2-Dichloroethane-d4 (S)	%	95	78-118	09/29/20 16:18	
4-Bromofluorobenzene (S)	%	96	85-115	09/29/20 16:18	
Toluene-d8 (S)	%	102	80-120	09/29/20 16:18	

LABORATORY CONTROL SAMPLE: 2746922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	200	129	64	55-162	
1,2-Dichloroethane-d4 (S)	%			96	78-118	
4-Bromofluorobenzene (S)	%			95	85-115	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746923 2746924

Parameter	Units	60349447003 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)	%						94	94	78-118			
4-Bromofluorobenzene (S)	%						96	95	85-115			
Toluene-d8 (S)	%						102	102	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679525
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: 60349352004, 60349352005, 60349352006

METHOD BLANK: 2747524 Matrix: Solid
Associated Lab Samples: 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	09/29/20 10:10	
1,2-Dichloroethane-d4 (S)	%	95	80-123	09/29/20 10:10	
4-Bromofluorobenzene (S)	%	97	69-133	09/29/20 10:10	
Toluene-d8 (S)	%	104	78-122	09/29/20 10:10	

LABORATORY CONTROL SAMPLE: 2747525

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	2.9	72	61-140	
1,2-Dichloroethane-d4 (S)	%			94	80-123	
4-Bromofluorobenzene (S)	%			95	69-133	
Toluene-d8 (S)	%			103	78-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747526 2747527

Parameter	Units	60349553004 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)	%						98	101	80-123			
4-Bromofluorobenzene (S)	%						97	95	69-133			
Toluene-d8 (S)	%						103	102	78-122			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679802
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

METHOD BLANK: 2748474 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.7	10/02/20 11:45	
Decachlorobiphenyl (S)	%	91	28-143	10/02/20 11:45	

LABORATORY CONTROL SAMPLE: 2748475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	158	144	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	158	150	95	56-128	
Decachlorobiphenyl (S)	%			93	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748476 2748477

Parameter	Units	60349351002 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	195	245	169	222	87	91	38-131	27	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	195	245	177	233	91	95	30-141	27	40	
Decachlorobiphenyl (S)	%						84	91	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679538
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004

METHOD BLANK: 2747544
Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,2-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,3-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
1,4-Dichlorobenzene	ug/kg	ND	323	09/30/20 11:04	
2,4,5-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Trichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dichlorophenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dimethylphenol	ug/kg	ND	323	09/30/20 11:04	
2,4-Dinitrophenol	ug/kg	ND	1630	09/30/20 11:04	
2,4-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2,6-Dinitrotoluene	ug/kg	ND	323	09/30/20 11:04	
2-Chloronaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Chlorophenol	ug/kg	ND	323	09/30/20 11:04	
2-Methylnaphthalene	ug/kg	ND	323	09/30/20 11:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	323	09/30/20 11:04	
2-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
2-Nitrophenol	ug/kg	ND	323	09/30/20 11:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	323	09/30/20 11:04	
3,3'-Dichlorobenzidine	ug/kg	ND	646	09/30/20 11:04	
3-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1630	09/30/20 11:04	
4-Bromophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Chloro-3-methylphenol	ug/kg	ND	646	09/30/20 11:04	
4-Chloroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Chlorophenylphenyl ether	ug/kg	ND	323	09/30/20 11:04	
4-Nitroaniline	ug/kg	ND	646	09/30/20 11:04	
4-Nitrophenol	ug/kg	ND	1630	09/30/20 11:04	
Acenaphthene	ug/kg	ND	323	09/30/20 11:04	
Acenaphthylene	ug/kg	ND	323	09/30/20 11:04	
Anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)anthracene	ug/kg	ND	323	09/30/20 11:04	
Benzo(a)pyrene	ug/kg	ND	323	09/30/20 11:04	
Benzo(b)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzo(g,h,i)perylene	ug/kg	ND	323	09/30/20 11:04	
Benzo(k)fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Benzoic Acid	ug/kg	ND	1630	09/30/20 11:04	
Benzyl alcohol	ug/kg	ND	646	09/30/20 11:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroethyl) ether	ug/kg	ND	323	09/30/20 11:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	323	09/30/20 11:04	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

METHOD BLANK: 2747544 Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	323	09/30/20 11:04	
Butylbenzylphthalate	ug/kg	ND	323	09/30/20 11:04	
Carbazole	ug/kg	ND	323	09/30/20 11:04	
Chrysene	ug/kg	ND	323	09/30/20 11:04	
Di-n-butylphthalate	ug/kg	ND	323	09/30/20 11:04	
Di-n-octylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dibenz(a,h)anthracene	ug/kg	ND	323	09/30/20 11:04	
Dibenzofuran	ug/kg	ND	323	09/30/20 11:04	
Diethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Dimethylphthalate	ug/kg	ND	323	09/30/20 11:04	
Fluoranthene	ug/kg	ND	323	09/30/20 11:04	
Fluorene	ug/kg	ND	323	09/30/20 11:04	
Hexachloro-1,3-butadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorobenzene	ug/kg	ND	323	09/30/20 11:04	
Hexachlorocyclopentadiene	ug/kg	ND	323	09/30/20 11:04	
Hexachloroethane	ug/kg	ND	323	09/30/20 11:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	323	09/30/20 11:04	
Isophorone	ug/kg	ND	323	09/30/20 11:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	323	09/30/20 11:04	
N-Nitrosodiphenylamine	ug/kg	ND	323	09/30/20 11:04	
Naphthalene	ug/kg	ND	323	09/30/20 11:04	
Nitrobenzene	ug/kg	ND	323	09/30/20 11:04	
Pentachlorophenol	ug/kg	ND	1630	09/30/20 11:04	
Phenanthrene	ug/kg	ND	323	09/30/20 11:04	
Phenol	ug/kg	ND	323	09/30/20 11:04	
Pyrene	ug/kg	ND	323	09/30/20 11:04	
Pyridine	ug/kg	ND	323	09/30/20 11:04	
2,4,6-Tribromophenol (S)	%	80	41-108	09/30/20 11:04	
2-Fluorobiphenyl (S)	%	80	39-136	09/30/20 11:04	
2-Fluorophenol (S)	%	77	43-96	09/30/20 11:04	
Nitrobenzene-d5 (S)	%	81	33-132	09/30/20 11:04	
Phenol-d6 (S)	%	78	43-95	09/30/20 11:04	
Terphenyl-d14 (S)	%	85	29-131	09/30/20 11:04	

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1570	1220	78	52-104	
1,2-Dichlorobenzene	ug/kg	1570	1210	77	51-99	
1,3-Dichlorobenzene	ug/kg	1570	1190	76	48-102	
1,4-Dichlorobenzene	ug/kg	1570	1190	76	49-101	
2,4,5-Trichlorophenol	ug/kg	1570	1290	82	58-109	
2,4,6-Trichlorophenol	ug/kg	1570	1270	81	56-109	
2,4-Dichlorophenol	ug/kg	1570	1250	80	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1570	1260	80	49-104	
2,4-Dinitrophenol	ug/kg	1570	1250J	79	26-119	
2,4-Dinitrotoluene	ug/kg	1570	1310	83	60-109	
2,6-Dinitrotoluene	ug/kg	1570	1260	80	59-109	
2-Chloronaphthalene	ug/kg	1570	1220	78	56-104	
2-Chlorophenol	ug/kg	1570	1250	79	56-98	
2-Methylnaphthalene	ug/kg	1570	1270	81	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1570	1250	79	52-102	
2-Nitroaniline	ug/kg	1570	1260	80	54-113	
2-Nitrophenol	ug/kg	1570	1250	79	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1570	1250	79	52-102	
3,3'-Dichlorobenzidine	ug/kg	1570	850	54	19-126	
3-Nitroaniline	ug/kg	1570	883	56	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1570	1160J	74	37-117	
4-Bromophenylphenyl ether	ug/kg	1570	1230	78	60-106	
4-Chloro-3-methylphenol	ug/kg	1570	1300	83	55-107	
4-Chloroaniline	ug/kg	1570	690	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1570	1240	79	56-107	
4-Nitroaniline	ug/kg	1570	1260	80	52-113	
4-Nitrophenol	ug/kg	1570	1350J	86	53-114	
Acenaphthene	ug/kg	1570	1260	80	55-105	
Acenaphthylene	ug/kg	1570	1310	84	57-105	
Anthracene	ug/kg	1570	1250	79	59-106	
Benzo(a)anthracene	ug/kg	1570	1270	81	59-109	
Benzo(a)pyrene	ug/kg	1570	1260	80	59-109	
Benzo(b)fluoranthene	ug/kg	1570	1280	82	56-112	
Benzo(g,h,i)perylene	ug/kg	1570	1280	82	57-109	
Benzo(k)fluoranthene	ug/kg	1570	1290	82	57-107	
Benzoic Acid	ug/kg	1570	1770	112	10-96	L1
Benzyl alcohol	ug/kg	1570	1280	81	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1570	1200	76	52-102	
bis(2-Chloroethyl) ether	ug/kg	1570	1190	76	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1570	1240	79	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1570	1340	85	61-113	
Butylbenzylphthalate	ug/kg	1570	1280	82	62-110	
Carbazole	ug/kg	1570	1290	82	60-106	
Chrysene	ug/kg	1570	1310	83	58-108	
Di-n-butylphthalate	ug/kg	1570	1300	83	61-110	
Di-n-octylphthalate	ug/kg	1570	1350	86	58-114	
Dibenz(a,h)anthracene	ug/kg	1570	1300	83	57-109	
Dibenzofuran	ug/kg	1570	1230	78	56-106	
Diethylphthalate	ug/kg	1570	1260	80	57-107	
Dimethylphthalate	ug/kg	1570	1260	80	55-106	
Fluoranthene	ug/kg	1570	1250	79	60-109	
Fluorene	ug/kg	1570	1240	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1570	1250	79	50-106	
Hexachlorobenzene	ug/kg	1570	1210	77	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1570	1010	65	18-118	
Hexachloroethane	ug/kg	1570	1200	76	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1570	1290	82	58-108	
Isophorone	ug/kg	1570	1240	79	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1570	1210	77	50-101	
N-Nitrosodiphenylamine	ug/kg	1570	1260	80	58-107	
Naphthalene	ug/kg	1570	1220	78	51-103	
Nitrobenzene	ug/kg	1570	1240	79	51-104	
Pentachlorophenol	ug/kg	1570	1280J	82	43-123	
Phenanthrene	ug/kg	1570	1240	79	58-106	
Phenol	ug/kg	1570	1250	80	53-101	
Pyrene	ug/kg	1570	1290	82	60-108	
Pyridine	ug/kg	1570	905	58	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			78	39-136	
2-Fluorophenol (S)	%			73	43-96	
Nitrobenzene-d5 (S)	%			78	33-132	
Phenol-d6 (S)	%			72	43-95	
Terphenyl-d14 (S)	%			83	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1460	1490	78	76	42-102	2	26	
1,2-Dichlorobenzene	ug/kg	ND	1870	1940	1390	1430	75	74	45-96	3	31	
1,3-Dichlorobenzene	ug/kg	ND	1870	1940	1370	1400	74	72	44-95	2	31	
1,4-Dichlorobenzene	ug/kg	ND	1870	1940	1410	1440	75	74	45-95	2	30	
2,4,5-Trichlorophenol	ug/kg	ND	1870	1940	1530	1530	82	79	47-109	0	31	
2,4,6-Trichlorophenol	ug/kg	ND	1870	1940	1540	1550	82	80	14-133	1	31	
2,4-Dichlorophenol	ug/kg	ND	1870	1940	1490	1530	80	79	36-111	2	29	
2,4-Dimethylphenol	ug/kg	ND	1870	1940	1480	1500	79	77	22-113	1	32	
2,4-Dinitrophenol	ug/kg	ND	1870	1940	983J	929J	53	48	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	10-133	0	32	
2,6-Dinitrotoluene	ug/kg	ND	1870	1940	1510	1520	81	78	17-125	0	25	
2-Chloronaphthalene	ug/kg	ND	1870	1940	1470	1490	79	76	47-105	1	28	
2-Chlorophenol	ug/kg	ND	1870	1940	1460	1470	78	75	44-100	0	31	
2-Methylnaphthalene	ug/kg	ND	1870	1940	1510	1530	81	79	43-104	1	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1870	1940	1440	1450	77	74	37-105	0	32	
2-Nitroaniline	ug/kg	ND	1870	1940	1540	1520	82	78	44-117	1	28	
2-Nitrophenol	ug/kg	ND	1870	1940	1480	1530	79	78	10-145	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1870	1940	1460	1460	78	75	35-108	0	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1870	1940	1180	1210	63	62	10-133	2	39	
3-Nitroaniline	ug/kg	ND	1870	1940	1350	1310	72	67	10-124	3	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1230J	1110J	66	57	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1870	1940	1500	1480	80	76	47-109	1	33	
4-Chloro-3-methylphenol	ug/kg	ND	1870	1940	1560	1540	83	79	42-109	1	30	
4-Chloroaniline	ug/kg	ND	1870	1940	956	965	51	50	10-94	1	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1870	1940	1490	1500	80	77	46-106	0	33	
4-Nitroaniline	ug/kg	ND	1870	1940	1450	1510	78	77	11-126	4	47	
4-Nitrophenol	ug/kg	ND	1870	1940	1550J	1790J	83	92	18-130		35	
Acenaphthene	ug/kg	ND	1870	1940	1530	1550	82	80	44-104	1	23	
Acenaphthylene	ug/kg	ND	1870	1940	1590	1580	85	81	47-102	1	29	
Anthracene	ug/kg	ND	1870	1940	1490	1510	80	77	39-112	1	30	
Benzo(a)anthracene	ug/kg	ND	1870	1940	1540	1510	83	78	10-139	2	32	
Benzo(a)pyrene	ug/kg	ND	1870	1940	1460	1470	78	76	12-132	1	33	
Benzo(b)fluoranthene	ug/kg	ND	1870	1940	1580	1490	85	77	12-136	6	37	
Benzo(g,h,i)perylene	ug/kg	ND	1870	1940	1400	1420	75	73	22-119	2	41	
Benzo(k)fluoranthene	ug/kg	ND	1870	1940	1450	1580	77	81	32-113	9	32	
Benzoic Acid	ug/kg	ND	1870	1940	1890	1580J	101	81	10-101		35	
Benzyl alcohol	ug/kg	ND	1870	1940	1470	1450	78	75	46-103	1	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1870	1940	1420	1440	76	74	41-100	1	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1870	1940	1410	1420	76	73	46-100	0	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1870	1940	1450	1450	77	75	40-99	0	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1870	1940	1570	1570	84	81	24-141	0	33	
Butylbenzylphthalate	ug/kg	ND	1870	1940	1530	1500	82	77	41-131	2	33	
Carbazole	ug/kg	ND	1870	1940	1510	1520	81	78	41-107	1	30	
Chrysene	ug/kg	ND	1870	1940	1560	1520	83	78	10-137	2	31	
Di-n-butylphthalate	ug/kg	ND	1870	1940	1540	1530	82	79	41-118	0	31	
Di-n-octylphthalate	ug/kg	ND	1870	1940	1590	1620	85	83	40-138	2	29	
Dibenz(a,h)anthracene	ug/kg	ND	1870	1940	1460	1480	78	76	23-122	1	35	
Dibenzofuran	ug/kg	ND	1870	1940	1480	1490	79	76	49-101	1	28	
Diethylphthalate	ug/kg	ND	1870	1940	1520	1490	81	77	42-107	2	31	
Dimethylphthalate	ug/kg	ND	1870	1940	1510	1490	81	77	37-108	1	30	
Fluoranthene	ug/kg	ND	1870	1940	1480	1490	79	76	10-139	1	32	
Fluorene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	0	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1870	1940	1460	1480	78	76	41-104	2	27	
Hexachlorobenzene	ug/kg	ND	1870	1940	1460	1460	78	75	46-105	0	31	
Hexachlorocyclopentadiene	ug/kg	ND	1870	1940	1080	1150	58	59	10-111	6	61	
Hexachloroethane	ug/kg	ND	1870	1940	1380	1420	74	73	11-119	2	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1870	1940	1470	1460	79	75	21-120	1	38	
Isophorone	ug/kg	ND	1870	1940	1480	1490	79	76	44-97	1	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1870	1940	1420	1450	76	74	37-108	2	30	
N-Nitrosodiphenylamine	ug/kg	ND	1870	1940	1490	1510	80	77	41-108	1	36	
Naphthalene	ug/kg	ND	1870	1940	1460	1480	78	76	40-105	1	31	
Nitrobenzene	ug/kg	ND	1870	1940	1490	1500	80	77	35-106	1	29	
Pentachlorophenol	ug/kg	ND	1870	1940	1640J	1480J	88	76	10-144		35	
Phenanthrene	ug/kg	ND	1870	1940	1500	1490	80	77	43-108	1	29	
Phenol	ug/kg	ND	1870	1940	1470	1460	79	75	38-102	1	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747546 2747547

Parameter	Units	60349231006 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	1870	1940	1570	1520	84	78	10-147	3	38	
Pyridine	ug/kg	ND	1870	1940	895	812	48	42	10-79	10	35	
2,4,6-Tribromophenol (S)	%						78	72	41-108			
2-Fluorobiphenyl (S)	%						80	76	39-136			
2-Fluorophenol (S)	%						72	68	43-96			
Nitrobenzene-d5 (S)	%						80	74	33-132			
Phenol-d6 (S)	%						72	68	43-95			
Terphenyl-d14 (S)	%						84	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679541
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352005, 60349352006

METHOD BLANK: 2747554
Matrix: Solid
Associated Lab Samples: 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,2-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,3-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,4-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
2,4,5-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dimethylphenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dinitrophenol	ug/kg	ND	1610	10/06/20 09:10	
2,4-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2,6-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2-Chloronaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Chlorophenol	ug/kg	ND	318	10/06/20 09:10	
2-Methylnaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Methylphenol(o-Cresol)	ug/kg	ND	318	10/06/20 09:10	
2-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
2-Nitrophenol	ug/kg	ND	318	10/06/20 09:10	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	318	10/06/20 09:10	
3,3'-Dichlorobenzidine	ug/kg	ND	637	10/06/20 09:10	
3-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1610	10/06/20 09:10	
4-Bromophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Chloro-3-methylphenol	ug/kg	ND	637	10/06/20 09:10	
4-Chloroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Chlorophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Nitrophenol	ug/kg	ND	1610	10/06/20 09:10	
Acenaphthene	ug/kg	ND	318	10/06/20 09:10	
Acenaphthylene	ug/kg	ND	318	10/06/20 09:10	
Anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)pyrene	ug/kg	ND	318	10/06/20 09:10	
Benzo(b)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzo(g,h,i)perylene	ug/kg	ND	318	10/06/20 09:10	
Benzo(k)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzoic Acid	ug/kg	ND	1610	10/06/20 09:10	
Benzyl alcohol	ug/kg	ND	637	10/06/20 09:10	
bis(2-Chloroethoxy)methane	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroethyl) ether	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroisopropyl) ether	ug/kg	ND	318	10/06/20 09:10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

METHOD BLANK: 2747554 Matrix: Solid
Associated Lab Samples: 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	318	10/06/20 09:10	
Butylbenzylphthalate	ug/kg	ND	318	10/06/20 09:10	
Carbazole	ug/kg	ND	318	10/06/20 09:10	
Chrysene	ug/kg	ND	318	10/06/20 09:10	
Di-n-butylphthalate	ug/kg	ND	318	10/06/20 09:10	
Di-n-octylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dibenz(a,h)anthracene	ug/kg	ND	318	10/06/20 09:10	
Dibenzofuran	ug/kg	ND	318	10/06/20 09:10	
Diethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dimethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Fluorene	ug/kg	ND	318	10/06/20 09:10	
Hexachloro-1,3-butadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorobenzene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorocyclopentadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachloroethane	ug/kg	ND	318	10/06/20 09:10	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	318	10/06/20 09:10	
Isophorone	ug/kg	ND	318	10/06/20 09:10	
N-Nitroso-di-n-propylamine	ug/kg	ND	318	10/06/20 09:10	
N-Nitrosodiphenylamine	ug/kg	ND	318	10/06/20 09:10	
Naphthalene	ug/kg	ND	318	10/06/20 09:10	
Nitrobenzene	ug/kg	ND	318	10/06/20 09:10	
Pentachlorophenol	ug/kg	ND	1610	10/06/20 09:10	
Phenanthrene	ug/kg	ND	318	10/06/20 09:10	
Phenol	ug/kg	ND	318	10/06/20 09:10	
Pyrene	ug/kg	ND	318	10/06/20 09:10	
Pyridine	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Tribromophenol (S)	%	67	41-108	10/06/20 09:10	
2-Fluorobiphenyl (S)	%	85	39-136	10/06/20 09:10	
2-Fluorophenol (S)	%	77	43-96	10/06/20 09:10	
Nitrobenzene-d5 (S)	%	67	33-132	10/06/20 09:10	
Phenol-d6 (S)	%	76	43-95	10/06/20 09:10	
Terphenyl-d14 (S)	%	82	29-131	10/06/20 09:10	

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1650	1280	78	52-104	
1,2-Dichlorobenzene	ug/kg	1650	1230	75	51-99	
1,3-Dichlorobenzene	ug/kg	1650	1230	74	48-102	
1,4-Dichlorobenzene	ug/kg	1650	1240	75	49-101	
2,4,5-Trichlorophenol	ug/kg	1650	1330	81	58-109	
2,4,6-Trichlorophenol	ug/kg	1650	1330	81	56-109	
2,4-Dichlorophenol	ug/kg	1650	1280	78	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1650	1160	71	49-104	
2,4-Dinitrophenol	ug/kg	1650	905J	55	26-119	
2,4-Dinitrotoluene	ug/kg	1650	1090	66	60-109	
2,6-Dinitrotoluene	ug/kg	1650	1150	70	59-109	
2-Chloronaphthalene	ug/kg	1650	1270	77	56-104	
2-Chlorophenol	ug/kg	1650	1280	78	56-98	
2-Methylnaphthalene	ug/kg	1650	1280	78	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1650	1210	74	52-102	
2-Nitroaniline	ug/kg	1650	1070	65	54-113	
2-Nitrophenol	ug/kg	1650	1060	64	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1250	76	52-102	
3,3'-Dichlorobenzidine	ug/kg	1650	814	49	19-126	
3-Nitroaniline	ug/kg	1650	939	57	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1650	949J	58	37-117	
4-Bromophenylphenyl ether	ug/kg	1650	1310	79	60-106	
4-Chloro-3-methylphenol	ug/kg	1650	1290	78	55-107	
4-Chloroaniline	ug/kg	1650	730	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1650	1320	80	56-107	
4-Nitroaniline	ug/kg	1650	1150	70	52-113	
4-Nitrophenol	ug/kg	1650	1190J	72	53-114	
Acenaphthene	ug/kg	1650	1320	80	55-105	
Acenaphthylene	ug/kg	1650	1360	82	57-105	
Anthracene	ug/kg	1650	1290	79	59-106	
Benzo(a)anthracene	ug/kg	1650	1280	78	59-109	
Benzo(a)pyrene	ug/kg	1650	1250	76	59-109	
Benzo(b)fluoranthene	ug/kg	1650	1340	81	56-112	
Benzo(g,h,i)perylene	ug/kg	1650	1300	79	57-109	
Benzo(k)fluoranthene	ug/kg	1650	1210	74	57-107	
Benzoic Acid	ug/kg	1650	821J	50	10-96	
Benzyl alcohol	ug/kg	1650	1200	73	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1650	1220	74	52-102	
bis(2-Chloroethyl) ether	ug/kg	1650	1200	73	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1650	1120	68	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1300	79	61-113	
Butylbenzylphthalate	ug/kg	1650	1300	79	62-110	
Carbazole	ug/kg	1650	1300	79	60-106	
Chrysene	ug/kg	1650	1330	81	58-108	
Di-n-butylphthalate	ug/kg	1650	1310	80	61-110	
Di-n-octylphthalate	ug/kg	1650	1330	81	58-114	
Dibenz(a,h)anthracene	ug/kg	1650	1280	78	57-109	
Dibenzofuran	ug/kg	1650	1290	78	56-106	
Diethylphthalate	ug/kg	1650	1270	77	57-107	
Dimethylphthalate	ug/kg	1650	1240	75	55-106	
Fluoranthene	ug/kg	1650	1300	79	60-109	
Fluorene	ug/kg	1650	1290	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1650	1250	76	50-106	
Hexachlorobenzene	ug/kg	1650	1310	80	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1650	1100	67	18-118	
Hexachloroethane	ug/kg	1650	1150	70	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1310	80	58-108	
Isophorone	ug/kg	1650	1210	74	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1650	1160	71	50-101	
N-Nitrosodiphenylamine	ug/kg	1650	1300	79	58-107	
Naphthalene	ug/kg	1650	1260	76	51-103	
Nitrobenzene	ug/kg	1650	1100	67	51-104	
Pentachlorophenol	ug/kg	1650	1010J	62	43-123	
Phenanthrene	ug/kg	1650	1310	80	58-106	
Phenol	ug/kg	1650	1240	75	53-101	
Pyrene	ug/kg	1650	1280	78	60-108	
Pyridine	ug/kg	1650	848	52	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			79	39-136	
2-Fluorophenol (S)	%			70	43-96	
Nitrobenzene-d5 (S)	%			63	33-132	
Phenol-d6 (S)	%			69	43-95	
Terphenyl-d14 (S)	%			81	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1210	1060	67	59	42-102	13	26	
1,2-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1060	66	59	45-96	11	31	
1,3-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1040	66	58	44-95	13	31	
1,4-Dichlorobenzene	ug/kg	ND	1800	1800	1190	1040	66	58	45-95	13	30	
2,4,5-Trichlorophenol	ug/kg	ND	1800	1800	1240	1130	69	63	47-109	10	31	
2,4,6-Trichlorophenol	ug/kg	ND	1800	1800	1160	1020	65	57	14-133	13	31	
2,4-Dichlorophenol	ug/kg	ND	1800	1800	1170	1040	65	57	36-111	12	29	
2,4-Dimethylphenol	ug/kg	ND	1800	1800	995	856	55	47	22-113	15	32	
2,4-Dinitrophenol	ug/kg	ND	1800	1800	651J	694J	36	39	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1800	1800	1070	1020	60	56	10-133	5	32	
2,6-Dinitrotoluene	ug/kg	ND	1800	1800	1130	1090	63	60	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	1800	1800	1200	1100	67	61	47-105	9	28	
2-Chlorophenol	ug/kg	ND	1800	1800	1190	1070	66	59	44-100	11	31	
2-Methylnaphthalene	ug/kg	ND	1800	1800	1210	1080	67	60	43-104	11	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1800	1800	1100	996	61	55	37-105	10	32	
2-Nitroaniline	ug/kg	ND	1800	1800	1070	1010	60	56	44-117	6	28	
2-Nitrophenol	ug/kg	ND	1800	1800	1120	1020	63	57	10-145	10	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1800	1800	1120	1010	63	56	35-108	11	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1800	1800	471J	605J	26	34	10-133		39	
3-Nitroaniline	ug/kg	ND	1800	1800	1070	1120	59	62	10-124	4	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	800J	793J	44	44	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1800	1800	1240	1110	69	62	47-109	11	33	
4-Chloro-3-methylphenol	ug/kg	ND	1800	1800	1150	1040	64	58	42-109	10	30	
4-Chloroaniline	ug/kg	ND	1800	1800	870	990	48	55	10-94	13	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1800	1800	1230	1120	69	62	46-106	9	33	
4-Nitroaniline	ug/kg	ND	1800	1800	927	916	52	51	11-126	1	47	
4-Nitrophenol	ug/kg	ND	1800	1800	1060J	972J	59	54	18-130		35	
Acenaphthene	ug/kg	ND	1800	1800	1240	1130	69	63	44-104	9	23	
Acenaphthylene	ug/kg	ND	1800	1800	1270	1170	70	65	47-102	8	29	
Anthracene	ug/kg	ND	1800	1800	1200	1100	67	61	39-112	9	30	
Benzo(a)anthracene	ug/kg	ND	1800	1800	1190	1090	66	61	10-139	8	32	
Benzo(a)pyrene	ug/kg	ND	1800	1800	1200	1070	67	59	12-132	11	33	
Benzo(b)fluoranthene	ug/kg	ND	1800	1800	1160	1060	65	59	12-136	9	37	
Benzo(g,h,i)perylene	ug/kg	ND	1800	1800	1180	1070	66	59	22-119	10	41	
Benzo(k)fluoranthene	ug/kg	ND	1800	1800	1210	1090	67	60	32-113	11	32	
Benzoic Acid	ug/kg	ND	1800	1800	614J	406J	34	23	10-101		35	
Benzyl alcohol	ug/kg	ND	1800	1800	1180	1060	66	59	46-103	10	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1800	1800	1130	1010	63	56	41-100	11	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1800	1800	1160	1040	64	58	46-100	11	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1800	1800	1050	950	58	53	40-99	10	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1800	1800	1200	1110	67	62	24-141	8	33	
Butylbenzylphthalate	ug/kg	ND	1800	1800	1220	1090	68	60	41-131	12	33	
Carbazole	ug/kg	ND	1800	1800	1140	1030	63	57	41-107	10	30	
Chrysene	ug/kg	ND	1800	1800	1220	1110	68	61	10-137	9	31	
Di-n-butylphthalate	ug/kg	ND	1800	1800	1210	1090	67	60	41-118	11	31	
Di-n-octylphthalate	ug/kg	ND	1800	1800	1260	1140	70	63	40-138	10	29	
Dibenz(a,h)anthracene	ug/kg	ND	1800	1800	1180	1060	66	59	23-122	11	35	
Dibenzofuran	ug/kg	ND	1800	1800	1210	1110	67	62	49-101	8	28	
Diethylphthalate	ug/kg	ND	1800	1800	1210	1100	67	61	42-107	10	31	
Dimethylphthalate	ug/kg	ND	1800	1800	1130	1050	63	58	37-108	8	30	
Fluoranthene	ug/kg	ND	1800	1800	1220	1100	67	61	10-139	10	32	
Fluorene	ug/kg	ND	1800	1800	1210	1140	67	63	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1800	1800	1190	1060	66	59	41-104	12	27	
Hexachlorobenzene	ug/kg	ND	1800	1800	1200	1100	67	61	46-105	9	31	
Hexachlorocyclopentadiene	ug/kg	ND	1800	1800	1060	945	59	52	10-111	12	61	
Hexachloroethane	ug/kg	ND	1800	1800	1110	1000	62	56	11-119	10	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1800	1800	1190	1060	66	59	21-120	11	38	
Isophorone	ug/kg	ND	1800	1800	1130	1010	63	56	44-97	12	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1800	1800	1110	994	62	55	37-108	11	30	
N-Nitrosodiphenylamine	ug/kg	ND	1800	1800	1170	1080	65	60	41-108	8	36	
Naphthalene	ug/kg	ND	1800	1800	1200	1050	67	58	40-105	13	31	
Nitrobenzene	ug/kg	ND	1800	1800	1060	958	59	53	35-106	10	29	
Pentachlorophenol	ug/kg	ND	1800	1800	967J	844J	54	47	10-144		35	
Phenanthrene	ug/kg	ND	1800	1800	1210	1090	67	60	43-108	11	29	
Phenol	ug/kg	ND	1800	1800	1170	1040	65	58	38-102	11	29	

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: PINE LAWN
Pace Project No.: 60349352

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1200	1090	67	60	10-147	10	38	
Pyridine	ug/kg	ND	1800	1800	782	676	43	37	10-79	15	35	
2,4,6-Tribromophenol (S)	%						65	59	41-108			
2-Fluorobiphenyl (S)	%						68	62	39-136			
2-Fluorophenol (S)	%						61	53	43-96			
Nitrobenzene-d5 (S)	%						57	52	33-132			
Phenol-d6 (S)	%						60	53	43-95			
Terphenyl-d14 (S)	%						71	63	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679544 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

METHOD BLANK: 2747562 | Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.3	10/05/20 12:13	
TPH-ORO	mg/kg	ND	14.3	10/05/20 12:13	
2-Fluorobiphenyl (S)	%	91	39-136	10/05/20 12:13	
Nitrobenzene-d5 (S)	%	84	33-132	10/05/20 12:13	
Terphenyl-d14 (S)	%	100	29-131	10/05/20 12:13	

LABORATORY CONTROL SAMPLE: 2747563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	271	84	39-122	
2-Fluorobiphenyl (S)	%			90	39-136	
Nitrobenzene-d5 (S)	%			87	33-132	
Terphenyl-d14 (S)	%			100	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747564 2747565

Parameter	Units	60349310001 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	381	386	301	342	79	89	12-137	13	38	
2-Fluorobiphenyl (S)	%						84	93	39-136			
Nitrobenzene-d5 (S)	%						82	91	33-132			
Terphenyl-d14 (S)	%						92	100	29-131			

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: PINE LAWN
Pace Project No.: 60349352

QC Batch: 679004
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

METHOD BLANK: 2745353
Matrix: Solid
Associated Lab Samples: 60349352001, 60349352002, 60349352003, 60349352004, 60349352005, 60349352006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/25/20 11:09	

SAMPLE DUPLICATE: 2745354

Parameter	Units	60349272001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	50.6	50.6	0	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: PINE LAWN
Pace Project No.: 60349352

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

1e	Surrogate recovery outside laboratory control limits due to sample matrix interference (not confirmed by re-analysis).
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.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349352

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349352001	**DPT-12-SO-(1-3)**	EPA 3546	679802	EPA 8082	680480
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 3546	679802	EPA 8082	680480
60349352003	**DPT-12-SO-(5-6)**	EPA 3546	679802	EPA 8082	680480
60349352004	**DPT-12-SO-(27-28)**	EPA 3546	679802	EPA 8082	680480
60349352005	**DPT-13-SO-(29-30)**	EPA 3546	679802	EPA 8082	680480
60349352006	**DPT-14-SO-(13-14)**	EPA 3546	679802	EPA 8082	680480
60349352001	**DPT-12-SO-(1-3)**	EPA 3050	680402	EPA 6010	680676
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 3050	680402	EPA 6010	680676
60349352003	**DPT-12-SO-(5-6)**	EPA 3050	680402	EPA 6010	680676
60349352004	**DPT-12-SO-(27-28)**	EPA 3050	680402	EPA 6010	680676
60349352005	**DPT-13-SO-(29-30)**	EPA 3050	680402	EPA 6010	680676
60349352006	**DPT-14-SO-(13-14)**	EPA 3050	680402	EPA 6010	680676
60349352001	**DPT-12-SO-(1-3)**	EPA 7471	679970	EPA 7471	680181
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 7471	679970	EPA 7471	680181
60349352003	**DPT-12-SO-(5-6)**	EPA 7471	679971	EPA 7471	680182
60349352004	**DPT-12-SO-(27-28)**	EPA 7471	679971	EPA 7471	680182
60349352005	**DPT-13-SO-(29-30)**	EPA 7471	679971	EPA 7471	680182
60349352006	**DPT-14-SO-(13-14)**	EPA 7471	679971	EPA 7471	680182
60349352001	**DPT-12-SO-(1-3)**	EPA 3546	679538	EPA 8270	679906
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 3546	679538	EPA 8270	679906
60349352003	**DPT-12-SO-(5-6)**	EPA 3546	679538	EPA 8270	679906
60349352004	**DPT-12-SO-(27-28)**	EPA 3546	679538	EPA 8270	679906
60349352005	**DPT-13-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349352006	**DPT-14-SO-(13-14)**	EPA 3546	679541	EPA 8270	680630
60349352001	**DPT-12-SO-(1-3)**	EPA 3546	679544	EPA 8270	680716
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 3546	679544	EPA 8270	680716
60349352003	**DPT-12-SO-(5-6)**	EPA 3546	679544	EPA 8270	680716
60349352004	**DPT-12-SO-(27-28)**	EPA 3546	679544	EPA 8270	680716
60349352005	**DPT-13-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349352006	**DPT-14-SO-(13-14)**	EPA 3546	679544	EPA 8270	680716
60349352004	**DPT-12-SO-(27-28)**	EPA 5035A/5030	679357	EPA 8260B	679422
60349352005	**DPT-13-SO-(29-30)**	EPA 5035A/5030	679357	EPA 8260B	679422
60349352006	**DPT-14-SO-(13-14)**	EPA 5035A/5030	679357	EPA 8260B	679422
60349352007	**PINE LAWN-SO-TB5**	EPA 5035A/5030	679165	EPA 8260B	679169
60349352001	**DPT-12-SO-(1-3)**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349352003	**DPT-12-SO-(5-6)**	EPA 5035A/5030B	679322	EPA 8260B	679423
60349352006	**DPT-14-SO-(13-14)**	EPA 5035A/5030B	679697	EPA 8260B	679719
60349352001	**DPT-12-SO-(1-3)**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349352002	**DPT-12-SO-(1-3)-FD**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349352003	**DPT-12-SO-(5-6)**	EPA 5035/5030	679323	EPA 5035A/8260	679424
60349352004	**DPT-12-SO-(27-28)**	EPA 5035	679525	EPA 8260	679561
60349352005	**DPT-13-SO-(29-30)**	EPA 5035	679525	EPA 8260	679561

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349352

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349352006	**DPT-14-SO-(13-14)**	EPA 5035	679525	EPA 8260	679561
60349352001	**DPT-12-SO-(1-3)**	ASTM D2974	679004		
60349352002	**DPT-12-SO-(1-3)-FD**	ASTM D2974	679004		
60349352003	**DPT-12-SO-(5-6)**	ASTM D2974	679004		
60349352004	**DPT-12-SO-(27-28)**	ASTM D2974	679004		
60349352005	**DPT-13-SO-(29-30)**	ASTM D2974	679004		
60349352006	**DPT-14-SO-(13-14)**	ASTM D2974	679004		

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Sample Condition Upon Receipt

WO# : 60349352

60349352

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** 1.8 **Corr. Factor** +0.2 **Corrected** 2.0

Date and initials of person examining contents: PV 9/24/20

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: MO	☐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

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	Pine Lawn
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: MO

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 Date	Composite End 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. 60349352
1	DPT-12-SO-(1-3)	SL	G	09/23/20	0841				7	4						1	2		X	X	X	X	X	X	2G9M		2G9			A6SU 3J6FU 001
2	DPT-12-SO-(1-3)-FD	SL	G	09/23/20	0841				7	4						1	2		X	X	X	X	X	X						002
3	DPT-12-SO-(5-6)	SL	G	09/23/20	0911				7	4						1	2		X	X	X	X	X	X						003
4	DPT-12-SO-(27-28)	SL	G	09/23/20	0937				7	4						1	2		X	X	X	X	X	X						004
5	DPT-13-SO-(29-30)	SL	G	09/23/20	1011				7	4						1	2		X	X	X	X	X	X						005
6	DPT-14-SO-(13-14)	SL	G	09/23/20	1050				7	4						1	2		X	X	X	X	X	X						006
7	Pine Lawn-SO-TB5	WT	G	09/23/20	1255				2				2										X							2U694 007
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/23/20	1351	[signature]	9/24	0444	2.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Thomas Kaley & Stephanie Collins		
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	09/23/20

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 08, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349444

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349444

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: PINE LAWN
Pace Project No.: 60349444

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349444001	**DPT-30-SO-(0-3)**	Solid	09/24/20 16:15	09/25/20 04:55
60349444002	**DPT-30-SO-(29-30)**	Solid	09/24/20 16:38	09/25/20 04:55
60349444003	**DPT-31-SO-(0-3)**	Solid	09/24/20 16:52	09/25/20 04:55
60349444004	**DPT-31-SO-(29-30)**	Solid	09/24/20 17:15	09/25/20 04:55
60349444005	**DPT-32-SO-(0-3)**	Solid	09/24/20 17:30	09/25/20 04:55
60349444006	**DPT-32-SO-(24.5-25.5)**	Solid	09/24/20 17:48	09/25/20 04:55
60349444007	**PILE LAWN-SO-TB9**	Solid	09/24/20 17:54	09/25/20 04:55

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349444

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349444001	**DPT-30-SO-(0-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349444002	**DPT-30-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349444003	**DPT-31-SO-(0-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349444004	**DPT-31-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349444005	**DPT-32-SO-(0-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349444

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349444007	**PILE LAWN-SO-TB9**	EPA 8260B	RAD	68	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(0-3) **Lab ID: 60349444001** Collected: 09/24/20 16:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	38.4	1	09/30/20 15:02	10/02/20 17:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.4	1	09/30/20 15:02	10/02/20 17:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84	%	28-143	1	09/30/20 15:02	10/02/20 17:25	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**11.0**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:03	7440-38-2	
Barium	**168**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:03	7440-39-3	M1
Cadmium	ND	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:03	7440-43-9	
Chromium	**26.0**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:03	7440-47-3	
Lead	**16.4**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:03	7439-92-1	
Selenium	ND	mg/kg	1.7	1	10/05/20 14:38	10/07/20 10:03	7782-49-2	
Silver	ND	mg/kg	0.77	1	10/05/20 14:38	10/07/20 10:03	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.046	1	10/05/20 10:25	10/06/20 10:47	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	83-32-9	
Acenaphthylene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	208-96-8	
Anthracene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	56-55-3	
Benzo(a)pyrene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	207-08-9	
Benzoic Acid	ND	ug/kg	9950	1	09/30/20 12:08	10/06/20 16:01	65-85-0	
Benzyl alcohol	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	85-68-7	
Carbazole	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	59-50-7	
4-Chloroaniline	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	108-60-1	
2-Chloronaphthalene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(0-3) **Lab ID: 60349444001** Collected: 09/24/20 16:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1970	1	09/30/20 12:08	10/06/20 16:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	7005-72-3	
Chrysene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	53-70-3	
Dibenzofuran	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	120-83-2	
Diethylphthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	105-67-9	
Dimethylphthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9950	1	09/30/20 12:08	10/06/20 16:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	9950	1	09/30/20 12:08	10/06/20 16:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	117-81-7	
Fluoranthene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	206-44-0	
Fluorene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	87-68-3	
Hexachlorobenzene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	77-47-4	
Hexachloroethane	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	193-39-5	
Isophorone	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	78-59-1	
2-Methylnaphthalene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	15831-10-4	
Naphthalene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	91-20-3	
2-Nitroaniline	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	88-74-4	
3-Nitroaniline	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	99-09-2	
4-Nitroaniline	ND	ug/kg	3930	1	09/30/20 12:08	10/06/20 16:01	100-01-6	
Nitrobenzene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	98-95-3	
2-Nitrophenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	88-75-5	
4-Nitrophenol	ND	ug/kg	9950	1	09/30/20 12:08	10/06/20 16:01	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	86-30-6	
Pentachlorophenol	ND	ug/kg	9950	1	09/30/20 12:08	10/06/20 16:01	87-86-5	
Phenanthrene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	85-01-8	
Phenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	108-95-2	
Pyrene	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	129-00-0	
Pyridine	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(0-3) **Lab ID: 60349444001** Collected: 09/24/20 16:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1970	1	09/30/20 12:08	10/06/20 16:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1970	1	09/30/20 12:08	10/06/20 16:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%	33-132	1	09/30/20 12:08	10/06/20 16:01	4165-60-0	P3
2-Fluorobiphenyl (S)	83	%	39-136	1	09/30/20 12:08	10/06/20 16:01	321-60-8	
Terphenyl-d14 (S)	86	%	29-131	1	09/30/20 12:08	10/06/20 16:01	1718-51-0	
Phenol-d6 (S)	72	%	43-95	1	09/30/20 12:08	10/06/20 16:01	13127-88-3	
2-Fluorophenol (S)	71	%	43-96	1	09/30/20 12:08	10/06/20 16:01	367-12-4	
2,4,6-Tribromophenol (S)	73	%	41-108	1	09/30/20 12:08	10/06/20 16:01	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	17.1	1	09/30/20 14:55	10/07/20 19:09		
TPH-DRO	ND	mg/kg	17.1	1	09/30/20 14:55	10/07/20 19:09		
Surrogates								
Nitrobenzene-d5 (S)	75	%	33-132	1	09/30/20 14:55	10/07/20 19:09	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	09/30/20 14:55	10/07/20 19:09	321-60-8	
Terphenyl-d14 (S)	86	%	29-131	1	09/30/20 14:55	10/07/20 19:09	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**129**	ug/kg	13.8	1	10/01/20 09:39	10/01/20 11:35	67-64-1	
Benzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-27-4	
Bromoform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	74-83-9	
2-Butanone (MEK)	**13.3**	ug/kg	6.9	1	10/01/20 09:39	10/01/20 11:35	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.2	1	10/01/20 09:39	10/01/20 11:35	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-00-3	
Chloroform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 11:35	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(0-3) **Lab ID: 60349444001** Collected: 09/24/20 16:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 11:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	87-68-3	
2-Hexanone	ND	ug/kg	13.8	1	10/01/20 09:39	10/01/20 11:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 11:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 11:35	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	103-65-1	
Styrene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	127-18-4	
Toluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 11:35	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 11:35	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 11:35	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(0-3) **Lab ID: 60349444001** Collected: 09/24/20 16:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 11:35	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	10/01/20 09:39	10/01/20 11:35		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 11:35	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 11:35	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	10/01/20 09:39	10/01/20 11:35	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.2**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(29-30) **Lab ID: 60349444002** Collected: 09/24/20 16:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	38.6	1	09/30/20 15:02	10/02/20 18:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.6	1	09/30/20 15:02	10/02/20 18:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/30/20 15:02	10/02/20 18:19	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**6.5**	mg/kg	0.98	1	10/05/20 14:38	10/07/20 10:10	7440-38-2	
Barium	**438**	mg/kg	0.49	1	10/05/20 14:38	10/07/20 10:10	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	10/05/20 14:38	10/07/20 10:10	7440-43-9	
Chromium	**29.5**	mg/kg	0.98	2	10/05/20 14:38	10/07/20 11:06	7440-47-3	
Lead	**36.4**	mg/kg	0.98	1	10/05/20 14:38	10/07/20 10:10	7439-92-1	
Selenium	ND	mg/kg	2.9	2	10/05/20 14:38	10/07/20 11:06	7782-49-2	
Silver	ND	mg/kg	1.4	2	10/05/20 14:38	10/07/20 11:06	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.049	1	10/05/20 10:25	10/06/20 10:54	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	83-32-9	
Acenaphthylene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	208-96-8	
Anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	207-08-9	
Benzoic Acid	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 16:23	65-85-0	
Benzyl alcohol	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	85-68-7	
Carbazole	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	59-50-7	
4-Chloroaniline	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	108-60-1	
2-Chloronaphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(29-30) **Lab ID: 60349444002** Collected: 09/24/20 16:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	392	1	09/30/20 12:08	10/06/20 16:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	7005-72-3	
Chrysene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	53-70-3	
Dibenzofuran	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	120-83-2	
Diethylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	105-67-9	
Dimethylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 16:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 16:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	117-81-7	
Fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	206-44-0	
Fluorene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	77-47-4	
Hexachloroethane	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	193-39-5	
Isophorone	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	78-59-1	
2-Methylnaphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	15831-10-4	
Naphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	91-20-3	
2-Nitroaniline	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	88-74-4	
3-Nitroaniline	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	99-09-2	
4-Nitroaniline	ND	ug/kg	785	1	09/30/20 12:08	10/06/20 16:23	100-01-6	
Nitrobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	98-95-3	
2-Nitrophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	88-75-5	
4-Nitrophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 16:23	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	86-30-6	
Pentachlorophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 16:23	87-86-5	
Phenanthrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	85-01-8	
Phenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	108-95-2	
Pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	129-00-0	
Pyridine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(29-30) **Lab ID: 60349444002** Collected: 09/24/20 16:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	392	1	09/30/20 12:08	10/06/20 16:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 16:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	33-132	1	09/30/20 12:08	10/06/20 16:23	4165-60-0	
2-Fluorobiphenyl (S)	78	%	39-136	1	09/30/20 12:08	10/06/20 16:23	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/30/20 12:08	10/06/20 16:23	1718-51-0	
Phenol-d6 (S)	70	%	43-95	1	09/30/20 12:08	10/06/20 16:23	13127-88-3	
2-Fluorophenol (S)	71	%	43-96	1	09/30/20 12:08	10/06/20 16:23	367-12-4	
2,4,6-Tribromophenol (S)	81	%	41-108	1	09/30/20 12:08	10/06/20 16:23	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	17.7	1	09/30/20 14:55	10/05/20 19:27		
TPH-DRO	ND	mg/kg	17.7	1	09/30/20 14:55	10/05/20 19:27		
Surrogates								
Nitrobenzene-d5 (S)	85	%	33-132	1	09/30/20 14:55	10/05/20 19:27	4165-60-0	
2-Fluorobiphenyl (S)	89	%	39-136	1	09/30/20 14:55	10/05/20 19:27	321-60-8	
Terphenyl-d14 (S)	93	%	29-131	1	09/30/20 14:55	10/05/20 19:27	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	13.2	1	10/01/20 09:39	10/01/20 11:50	67-64-1	
Benzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-27-4	
Bromoform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-25-2	
Bromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 11:50	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.5	1	10/01/20 09:39	10/01/20 11:50	98-06-6	
Carbon disulfide	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	108-90-7	
Chloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-00-3	
Chloroform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	67-66-3	
Chloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 11:50	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(29-30) **Lab ID: 60349444002** Collected: 09/24/20 16:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.3	1	10/01/20 09:39	10/01/20 11:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	10061-02-6	
Ethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	87-68-3	
2-Hexanone	ND	ug/kg	13.2	1	10/01/20 09:39	10/01/20 11:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	99-87-6	
Methylene Chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 11:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 11:50	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	103-65-1	
Styrene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	79-34-5	
Tetrachloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	127-18-4	
Toluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	75-01-4	
Xylene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 11:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 11:50	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 11:50	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-30-SO-(29-30) **Lab ID: 60349444002** Collected: 09/24/20 16:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 11:50	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	0.33	1	10/01/20 09:39	10/01/20 11:50		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 11:50	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 11:50	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	10/01/20 09:39	10/01/20 11:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**17.7**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(0-3) **Lab ID: 60349444003** Collected: 09/24/20 16:52 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	38.0	1	09/30/20 15:02	10/02/20 18:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.0	1	09/30/20 15:02	10/02/20 18:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	92	%	28-143	1	09/30/20 15:02	10/02/20 18:37	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**9.5**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:20	7440-38-2	
Barium	**152**	mg/kg	0.57	1	10/05/20 14:38	10/07/20 10:20	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	10/05/20 14:38	10/07/20 10:20	7440-43-9	
Chromium	**22.4**	mg/kg	0.57	1	10/05/20 14:38	10/07/20 10:20	7440-47-3	
Lead	**14.1**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:20	7439-92-1	
Selenium	ND	mg/kg	1.7	1	10/05/20 14:38	10/07/20 10:20	7782-49-2	
Silver	ND	mg/kg	0.80	1	10/05/20 14:38	10/07/20 10:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.059**	mg/kg	0.045	1	10/05/20 10:25	10/06/20 10:56	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	83-32-9	
Acenaphthylene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	208-96-8	
Anthracene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	120-12-7	
Benzo(a)anthracene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	56-55-3	
Benzo(a)pyrene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	207-08-9	
Benzoic Acid	ND	ug/kg	3800	1	09/30/20 12:08	10/06/20 16:44	65-85-0	
Benzyl alcohol	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	85-68-7	
Carbazole	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	59-50-7	
4-Chloroaniline	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	108-60-1	
2-Chloronaphthalene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(0-3) **Lab ID: 60349444003** Collected: 09/24/20 16:52 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	751	1	09/30/20 12:08	10/06/20 16:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	7005-72-3	
Chrysene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	53-70-3	
Dibenzofuran	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	120-83-2	
Diethylphthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	105-67-9	
Dimethylphthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	3800	1	09/30/20 12:08	10/06/20 16:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3800	1	09/30/20 12:08	10/06/20 16:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	117-81-7	
Fluoranthene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	206-44-0	
Fluorene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	87-68-3	
Hexachlorobenzene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	77-47-4	
Hexachloroethane	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	193-39-5	
Isophorone	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	78-59-1	
2-Methylnaphthalene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	15831-10-4	
Naphthalene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	91-20-3	
2-Nitroaniline	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	88-74-4	
3-Nitroaniline	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	99-09-2	
4-Nitroaniline	ND	ug/kg	1500	1	09/30/20 12:08	10/06/20 16:44	100-01-6	
Nitrobenzene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	98-95-3	
2-Nitrophenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	88-75-5	
4-Nitrophenol	ND	ug/kg	3800	1	09/30/20 12:08	10/06/20 16:44	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	86-30-6	
Pentachlorophenol	ND	ug/kg	3800	1	09/30/20 12:08	10/06/20 16:44	87-86-5	
Phenanthrene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	85-01-8	
Phenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	108-95-2	
Pyrene	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	129-00-0	
Pyridine	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(0-3) **Lab ID: 60349444003** Collected: 09/24/20 16:52 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	751	1	09/30/20 12:08	10/06/20 16:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	751	1	09/30/20 12:08	10/06/20 16:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	46	%	33-132	1	09/30/20 12:08	10/06/20 16:44	4165-60-0	P3
2-Fluorobiphenyl (S)	56	%	39-136	1	09/30/20 12:08	10/06/20 16:44	321-60-8	
Terphenyl-d14 (S)	57	%	29-131	1	09/30/20 12:08	10/06/20 16:44	1718-51-0	
Phenol-d6 (S)	49	%	43-95	1	09/30/20 12:08	10/06/20 16:44	13127-88-3	
2-Fluorophenol (S)	50	%	43-96	1	09/30/20 12:08	10/06/20 16:44	367-12-4	
2,4,6-Tribromophenol (S)	51	%	41-108	1	09/30/20 12:08	10/06/20 16:44	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**20.8**	mg/kg	16.9	1	09/30/20 14:55	10/07/20 19:28		
TPH-DRO	ND	mg/kg	16.9	1	09/30/20 14:55	10/07/20 19:28		
Surrogates								
Nitrobenzene-d5 (S)	64	%	33-132	1	09/30/20 14:55	10/07/20 19:28	4165-60-0	
2-Fluorobiphenyl (S)	71	%	39-136	1	09/30/20 14:55	10/07/20 19:28	321-60-8	
Terphenyl-d14 (S)	76	%	29-131	1	09/30/20 14:55	10/07/20 19:28	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**59.0**	ug/kg	13.6	1	10/01/20 09:39	10/01/20 12:05	67-64-1	
Benzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-27-4	
Bromoform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	74-83-9	
2-Butanone (MEK)	**7.1**	ug/kg	6.8	1	10/01/20 09:39	10/01/20 12:05	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.0	1	10/01/20 09:39	10/01/20 12:05	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-00-3	
Chloroform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 12:05	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(0-3) **Lab ID: 60349444003** Collected: 09/24/20 16:52 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 12:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	87-68-3	
2-Hexanone	ND	ug/kg	13.6	1	10/01/20 09:39	10/01/20 12:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 12:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 12:05	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	103-65-1	
Styrene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	127-18-4	
Toluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:05	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	10/01/20 09:39	10/01/20 12:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	10/01/20 09:39	10/01/20 12:05	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(0-3) **Lab ID: 60349444003** Collected: 09/24/20 16:52 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	104	%	78-118	1	10/01/20 09:39	10/01/20 12:05	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	10/01/20 09:39	10/01/20 12:05		
Surrogates								
Toluene-d8 (S)	102	%	78-122	1	10/01/20 09:39	10/01/20 12:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	10/01/20 09:39	10/01/20 12:05	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-123	1	10/01/20 09:39	10/01/20 12:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**14.5**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(29-30) **Lab ID: 60349444004** Collected: 09/24/20 17:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	37.2	1	09/30/20 15:02	10/02/20 18:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.2	1	09/30/20 15:02	10/02/20 18:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	90	%	28-143	1	09/30/20 15:02	10/02/20 18:55	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**1.8**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:23	7440-38-2	
Barium	**116**	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:23	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:23	7440-43-9	
Chromium	**26.3**	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:23	7440-47-3	
Lead	**9.2**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:23	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/05/20 14:38	10/07/20 10:23	7782-49-2	
Silver	ND	mg/kg	0.74	1	10/05/20 14:38	10/07/20 10:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.049	1	10/05/20 10:25	10/06/20 10:59	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	83-32-9	
Acenaphthylene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	208-96-8	
Anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	207-08-9	
Benzoic Acid	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 17:06	65-85-0	
Benzyl alcohol	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	85-68-7	
Carbazole	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	59-50-7	
4-Chloroaniline	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	108-60-1	
2-Chloronaphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(29-30) **Lab ID: 60349444004** Collected: 09/24/20 17:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	392	1	09/30/20 12:08	10/06/20 17:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	7005-72-3	
Chrysene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	53-70-3	
Dibenzofuran	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	120-83-2	
Diethylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	105-67-9	
Dimethylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 17:06	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 17:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	606-20-2	
Di-n-octylphthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	117-81-7	
Fluoranthene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	206-44-0	
Fluorene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	87-68-3	
Hexachlorobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	77-47-4	
Hexachloroethane	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	193-39-5	
Isophorone	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	78-59-1	
2-Methylnaphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	15831-10-4	
Naphthalene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	91-20-3	
2-Nitroaniline	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	88-74-4	
3-Nitroaniline	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	99-09-2	
4-Nitroaniline	ND	ug/kg	783	1	09/30/20 12:08	10/06/20 17:06	100-01-6	
Nitrobenzene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	98-95-3	
2-Nitrophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 17:06	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	86-30-6	
Pentachlorophenol	ND	ug/kg	1980	1	09/30/20 12:08	10/06/20 17:06	87-86-5	
Phenanthrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	85-01-8	
Phenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	108-95-2	
Pyrene	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	129-00-0	
Pyridine	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(29-30) **Lab ID: 60349444004** Collected: 09/24/20 17:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	392	1	09/30/20 12:08	10/06/20 17:06	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	1	09/30/20 12:08	10/06/20 17:06	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%	33-132	1	09/30/20 12:08	10/06/20 17:06	4165-60-0	
2-Fluorobiphenyl (S)	70	%	39-136	1	09/30/20 12:08	10/06/20 17:06	321-60-8	
Terphenyl-d14 (S)	72	%	29-131	1	09/30/20 12:08	10/06/20 17:06	1718-51-0	
Phenol-d6 (S)	63	%	43-95	1	09/30/20 12:08	10/06/20 17:06	13127-88-3	
2-Fluorophenol (S)	64	%	43-96	1	09/30/20 12:08	10/06/20 17:06	367-12-4	
2,4,6-Tribromophenol (S)	68	%	41-108	1	09/30/20 12:08	10/06/20 17:06	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	17.2	1	09/30/20 14:55	10/05/20 20:06		
TPH-DRO	ND	mg/kg	17.2	1	09/30/20 14:55	10/05/20 20:06		
Surrogates								
Nitrobenzene-d5 (S)	50	%	33-132	1	09/30/20 14:55	10/05/20 20:06	4165-60-0	
2-Fluorobiphenyl (S)	60	%	39-136	1	09/30/20 14:55	10/05/20 20:06	321-60-8	
Terphenyl-d14 (S)	77	%	29-131	1	09/30/20 14:55	10/05/20 20:06	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	12.7	1	10/01/20 09:39	10/01/20 12:23	67-64-1	
Benzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	71-43-2	
Bromobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-27-4	
Bromoform	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-25-2	
Bromomethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.3	1	10/01/20 09:39	10/01/20 12:23	78-93-3	
n-Butylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	15.8	1	10/01/20 09:39	10/01/20 12:23	98-06-6	
Carbon disulfide	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	108-90-7	
Chloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-00-3	
Chloroform	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	67-66-3	
Chloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	1	10/01/20 09:39	10/01/20 12:23	96-12-8	
Dibromochloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	106-93-4	
Dibromomethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(29-30) **Lab ID: 60349444004** Collected: 09/24/20 17:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.2	1	10/01/20 09:39	10/01/20 12:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	10061-02-6	
Ethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	87-68-3	
2-Hexanone	ND	ug/kg	12.7	1	10/01/20 09:39	10/01/20 12:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	99-87-6	
Methylene Chloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.3	1	10/01/20 09:39	10/01/20 12:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1	10/01/20 09:39	10/01/20 12:23	91-20-3	
n-Propylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	103-65-1	
Styrene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	79-34-5	
Tetrachloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	127-18-4	
Toluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	79-00-5	
Trichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	108-67-8	
Vinyl chloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	75-01-4	
Xylene (Total)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 12:23	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	10/01/20 09:39	10/01/20 12:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 12:23	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-31-SO-(29-30) **Lab ID: 60349444004** Collected: 09/24/20 17:15 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	109	%	78-118	1	10/01/20 09:39	10/01/20 12:23	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	0.32	1	10/01/20 09:39	10/01/20 12:23		
Surrogates								
Toluene-d8 (S)	99	%	78-122	1	10/01/20 09:39	10/01/20 12:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 12:23	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-123	1	10/01/20 09:39	10/01/20 12:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.5**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(0-3) **Lab ID: 60349444005** Collected: 09/24/20 17:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	37.0	1	09/30/20 15:02	10/02/20 19:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.0	1	09/30/20 15:02	10/02/20 19:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	91	%	28-143	1	09/30/20 15:02	10/02/20 19:12	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.8**	mg/kg	0.97	1	10/05/20 14:38	10/07/20 10:25	7440-38-2	
Barium	**108**	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:25	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:25	7440-43-9	
Chromium	**20.1**	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:25	7440-47-3	
Lead	**50.3**	mg/kg	0.97	1	10/05/20 14:38	10/07/20 10:25	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/05/20 14:38	10/07/20 10:25	7782-49-2	
Silver	ND	mg/kg	0.68	1	10/05/20 14:38	10/07/20 10:25	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.28**	mg/kg	0.048	1	10/05/20 10:25	10/06/20 11:01	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	83-32-9	
Acenaphthylene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	208-96-8	
Anthracene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	56-55-3	
Benzo(a)pyrene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	207-08-9	
Benzoic Acid	ND	ug/kg	9390	1	09/30/20 12:08	10/06/20 17:28	65-85-0	
Benzyl alcohol	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	85-68-7	
Carbazole	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	59-50-7	
4-Chloroaniline	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	108-60-1	
2-Chloronaphthalene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(0-3) **Lab ID: 60349444005** Collected: 09/24/20 17:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1860	1	09/30/20 12:08	10/06/20 17:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	7005-72-3	
Chrysene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	53-70-3	
Dibenzofuran	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	120-83-2	
Diethylphthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	105-67-9	
Dimethylphthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9390	1	09/30/20 12:08	10/06/20 17:28	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	9390	1	09/30/20 12:08	10/06/20 17:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	117-81-7	
Fluoranthene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	206-44-0	
Fluorene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	87-68-3	
Hexachlorobenzene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	77-47-4	
Hexachloroethane	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	193-39-5	
Isophorone	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	78-59-1	
2-Methylnaphthalene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	15831-10-4	
Naphthalene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	91-20-3	
2-Nitroaniline	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	88-74-4	
3-Nitroaniline	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	99-09-2	
4-Nitroaniline	ND	ug/kg	3710	1	09/30/20 12:08	10/06/20 17:28	100-01-6	
Nitrobenzene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	98-95-3	
2-Nitrophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	88-75-5	
4-Nitrophenol	ND	ug/kg	9390	1	09/30/20 12:08	10/06/20 17:28	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	86-30-6	
Pentachlorophenol	ND	ug/kg	9390	1	09/30/20 12:08	10/06/20 17:28	87-86-5	
Phenanthrene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	85-01-8	
Phenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	108-95-2	
Pyrene	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	129-00-0	
Pyridine	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(0-3) **Lab ID: 60349444005** Collected: 09/24/20 17:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1860	1	09/30/20 12:08	10/06/20 17:28	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%	33-132	1	09/30/20 12:08	10/06/20 17:28	4165-60-0	P3
2-Fluorobiphenyl (S)	68	%	39-136	1	09/30/20 12:08	10/06/20 17:28	321-60-8	
Terphenyl-d14 (S)	72	%	29-131	1	09/30/20 12:08	10/06/20 17:28	1718-51-0	
Phenol-d6 (S)	59	%	43-95	1	09/30/20 12:08	10/06/20 17:28	13127-88-3	
2-Fluorophenol (S)	58	%	43-96	1	09/30/20 12:08	10/06/20 17:28	367-12-4	
2,4,6-Tribromophenol (S)	54	%	41-108	1	09/30/20 12:08	10/06/20 17:28	118-79-6	
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	**261**	mg/kg	42.3	1	09/30/20 14:55	10/07/20 19:48		
TPH-DRO	**50.1**	mg/kg	42.3	1	09/30/20 14:55	10/07/20 19:48		
Surrogates								
Nitrobenzene-d5 (S)	72	%	33-132	1	09/30/20 14:55	10/07/20 19:48	4165-60-0	P3
2-Fluorobiphenyl (S)	83	%	39-136	1	09/30/20 14:55	10/07/20 19:48	321-60-8	
Terphenyl-d14 (S)	84	%	29-131	1	09/30/20 14:55	10/07/20 19:48	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**64.3**	ug/kg	13.4	1	10/01/20 09:39	10/01/20 12:39	67-64-1	
Benzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-27-4	
Bromoform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	74-83-9	
2-Butanone (MEK)	**8.2**	ug/kg	6.7	1	10/01/20 09:39	10/01/20 12:39	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.8	1	10/01/20 09:39	10/01/20 12:39	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-00-3	
Chloroform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	1	10/01/20 09:39	10/01/20 12:39	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(0-3) **Lab ID: 60349444005** Collected: 09/24/20 17:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 12:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	87-68-3	
2-Hexanone	ND	ug/kg	13.4	1	10/01/20 09:39	10/01/20 12:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.7	1	10/01/20 09:39	10/01/20 12:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1	10/01/20 09:39	10/01/20 12:39	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	103-65-1	
Styrene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	127-18-4	
Toluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 12:39	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 12:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	10/01/20 09:39	10/01/20 12:39	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(0-3) **Lab ID: 60349444005** Collected: 09/24/20 17:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 12:39	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	10/01/20 09:39	10/01/20 12:39		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 12:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	10/01/20 09:39	10/01/20 12:39	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	10/01/20 09:39	10/01/20 12:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**12.3**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(24.5-25.5) **Lab ID: 60349444006** Collected: 09/24/20 17:48 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	36.4	1	09/30/20 15:02	10/02/20 19:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.4	1	09/30/20 15:02	10/02/20 19:30	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	28-143	1	09/30/20 15:02	10/02/20 19:30	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**21.1**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:28	7440-38-2	
Barium	**47.1**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:28	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:28	7440-43-9	
Chromium	**26.3**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 10:28	7440-47-3	
Lead	**39.5**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:28	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/05/20 14:38	10/07/20 10:28	7782-49-2	
Silver	ND	mg/kg	0.77	1	10/05/20 14:38	10/07/20 10:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.065**	mg/kg	0.046	1	10/05/20 10:25	10/06/20 11:08	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	208-96-8	
Anthracene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	207-08-9	
Benzoic Acid	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:49	65-85-0	
Benzyl alcohol	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	85-68-7	
Carbazole	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	59-50-7	
4-Chloroaniline	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(24.5-25.5) **Lab ID: 60349444006** Collected: 09/24/20 17:48 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	368	1	09/30/20 12:08	10/06/20 17:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	7005-72-3	
Chrysene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	117-81-7	
Fluoranthene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	206-44-0	
Fluorene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	193-39-5	
Isophorone	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	15831-10-4	
Naphthalene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	91-20-3	
2-Nitroaniline	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	88-74-4	
3-Nitroaniline	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	99-09-2	
4-Nitroaniline	ND	ug/kg	736	1	09/30/20 12:08	10/06/20 17:49	100-01-6	
Nitrobenzene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	86-30-6	
Pentachlorophenol	ND	ug/kg	1860	1	09/30/20 12:08	10/06/20 17:49	87-86-5	
Phenanthrene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	85-01-8	
Phenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	108-95-2	
Pyrene	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	129-00-0	
Pyridine	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(24.5-25.5) **Lab ID: 60349444006** Collected: 09/24/20 17:48 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	368	1	09/30/20 12:08	10/06/20 17:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	09/30/20 12:08	10/06/20 17:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%	33-132	1	09/30/20 12:08	10/06/20 17:49	4165-60-0	
2-Fluorobiphenyl (S)	66	%	39-136	1	09/30/20 12:08	10/06/20 17:49	321-60-8	
Terphenyl-d14 (S)	71	%	29-131	1	09/30/20 12:08	10/06/20 17:49	1718-51-0	
Phenol-d6 (S)	60	%	43-95	1	09/30/20 12:08	10/06/20 17:49	13127-88-3	
2-Fluorophenol (S)	59	%	43-96	1	09/30/20 12:08	10/06/20 17:49	367-12-4	
2,4,6-Tribromophenol (S)	61	%	41-108	1	09/30/20 12:08	10/06/20 17:49	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	16.1	1	10/02/20 15:13	10/07/20 21:26		
TPH-DRO	ND	mg/kg	16.1	1	10/02/20 15:13	10/07/20 21:26		
Surrogates								
Nitrobenzene-d5 (S)	71	%	33-132	1	10/02/20 15:13	10/07/20 21:26	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-136	1	10/02/20 15:13	10/07/20 21:26	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	10/02/20 15:13	10/07/20 21:26	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	14.0	1	10/01/20 09:39	10/01/20 12:54	67-64-1	
Benzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	71-43-2	
Bromobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-27-4	
Bromoform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-25-2	
Bromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 12:54	78-93-3	
n-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.5	1	10/01/20 09:39	10/01/20 12:54	98-06-6	
Carbon disulfide	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	108-90-7	
Chloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-00-3	
Chloroform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	67-66-3	
Chloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 12:54	96-12-8	
Dibromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	106-93-4	
Dibromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(24.5-25.5) **Lab ID: 60349444006** Collected: 09/24/20 17:48 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.5	1	10/01/20 09:39	10/01/20 12:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	10061-02-6	
Ethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	87-68-3	
2-Hexanone	ND	ug/kg	14.0	1	10/01/20 09:39	10/01/20 12:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	99-87-6	
Methylene Chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 12:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 12:54	91-20-3	
n-Propylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	103-65-1	
Styrene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	79-34-5	
Tetrachloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	127-18-4	
Toluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	79-00-5	
Trichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	108-67-8	
Vinyl chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	75-01-4	
Xylene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 12:54	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	10/01/20 09:39	10/01/20 12:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	85-115	1	10/01/20 09:39	10/01/20 12:54	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: DPT-32-SO-(24.5-25.5) **Lab ID: 60349444006** Collected: 09/24/20 17:48 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	111	%	78-118	1	10/01/20 09:39	10/01/20 12:54	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	0.35	1	10/01/20 09:39	10/01/20 12:54		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	10/01/20 09:39	10/01/20 12:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-133	1	10/01/20 09:39	10/01/20 12:54	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-123	1	10/01/20 09:39	10/01/20 12:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**12.6**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: PILE LAWN-SO-TB9 **Lab ID: 60349444007** Collected: 09/24/20 17:54 Received: 09/25/20 04:55 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	10/01/20 09:39	10/01/20 13:09	67-64-1	
Benzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-27-4	
Bromoform	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	10/01/20 09:39	10/01/20 13:09	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	10/01/20 09:39	10/01/20 13:09	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-00-3	
Chloroform	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	10/01/20 09:39	10/01/20 13:09	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	10/01/20 09:39	10/01/20 13:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349444

Sample: PILE LAWN-SO-TB9 **Lab ID: 60349444007** Collected: 09/24/20 17:54 Received: 09/25/20 04:55 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	10/01/20 09:39	10/01/20 13:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	10/01/20 09:39	10/01/20 13:09	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	103-65-1	
Styrene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	127-18-4	
Toluene	**8.1**	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	10/01/20 09:39	10/01/20 13:09	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	10/01/20 09:39	10/01/20 13:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 13:09	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	78-118	1	10/01/20 09:39	10/01/20 13:09	17060-07-0	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 680546
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2751127
Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/06/20 10:43	

LABORATORY CONTROL SAMPLE: 2751128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2751129 2751130

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.49	0.49	0.51	0.57	104	117	75-125	11	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 680742
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2752177 Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/07/20 09:51	
Barium	mg/kg	ND	0.50	10/07/20 09:51	
Cadmium	mg/kg	ND	0.50	10/07/20 09:51	
Chromium	mg/kg	ND	0.50	10/07/20 09:51	
Lead	mg/kg	ND	1.0	10/07/20 09:51	
Selenium	mg/kg	ND	1.5	10/07/20 09:51	
Silver	mg/kg	ND	0.70	10/07/20 09:51	

LABORATORY CONTROL SAMPLE: 2752178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	102	102	80-120	
Cadmium	mg/kg	100	102	102	80-120	
Chromium	mg/kg	100	105	105	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	101	101	80-120	
Silver	mg/kg	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752179 2752180

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	11.0	89	94.7	80.8	89.7	78	83	75-125	10	20	
Barium	mg/kg	168	89	94.7	283	274	130	113	75-125	3	20	M1
Cadmium	mg/kg	ND	89	94.7	73.2	81.0	82	85	75-125	10	20	
Chromium	mg/kg	26.0	89	94.7	104	116	88	95	75-125	10	20	
Lead	mg/kg	16.4	89	94.7	84.5	91.7	77	79	75-125	8	20	
Selenium	mg/kg	ND	89	94.7	70.5	77.8	79	82	75-125	10	20	
Silver	mg/kg	ND	44.5	47.3	38.6	42.5	86	89	75-125	10	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 680121
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: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006, 60349444007

METHOD BLANK: 2749543
Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006, 60349444007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	10/01/20 10:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
2,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
2-Butanone (MEK)	ug/kg	ND	10.0	10/01/20 10:01	
2-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
2-Hexanone	ug/kg	ND	20.0	10/01/20 10:01	
4-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	10/01/20 10:01	
Acetone	ug/kg	ND	20.0	10/01/20 10:01	
Benzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromodichloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromoform	ug/kg	ND	5.0	10/01/20 10:01	
Bromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Carbon disulfide	ug/kg	ND	5.0	10/01/20 10:01	
Carbon tetrachloride	ug/kg	ND	5.0	10/01/20 10:01	
Chlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Chloroethane	ug/kg	ND	5.0	10/01/20 10:01	
Chloroform	ug/kg	ND	5.0	10/01/20 10:01	
Chloromethane	ug/kg	ND	5.0	10/01/20 10:01	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

METHOD BLANK: 2749543 Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006, 60349444007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Dibromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Dibromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Ethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	10/01/20 10:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/01/20 10:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/01/20 10:01	
Methylene Chloride	ug/kg	ND	5.0	10/01/20 10:01	
n-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
n-Propylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Naphthalene	ug/kg	ND	10.0	10/01/20 10:01	
p-Isopropyltoluene	ug/kg	ND	5.0	10/01/20 10:01	
sec-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Styrene	ug/kg	ND	5.0	10/01/20 10:01	
tert-Butylbenzene	ug/kg	ND	25.0	10/01/20 10:01	
Tetrachloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Toluene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Trichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Trichlorofluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Vinyl chloride	ug/kg	ND	5.0	10/01/20 10:01	
Xylene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	78-118	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	85-115	10/01/20 10:01	
Toluene-d8 (S)	%	102	80-120	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	101	101	84-125	
1,1,1-Trichloroethane	ug/kg	100	96.2	96	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	89.5	90	76-121	
1,1,2-Trichloroethane	ug/kg	100	96.5	96	83-118	
1,1-Dichloroethane	ug/kg	100	101	101	74-120	
1,1-Dichloroethene	ug/kg	100	92.9	93	71-124	
1,1-Dichloropropene	ug/kg	100	84.0	84	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	100	100	81-123	
1,2,3-Trichloropropane	ug/kg	100	94.4	94	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	101	101	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	97.0	97	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	91.5	92	74-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	98.6	99	64-137	
1,2-Dichlorobenzene	ug/kg	100	97.5	97	83-119	
1,2-Dichloroethane	ug/kg	100	86.8	87	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	191	95	82-117	
1,2-Dichloropropane	ug/kg	100	91.8	92	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	98.4	98	81-122	
1,3-Dichlorobenzene	ug/kg	100	98.7	99	83-119	
1,3-Dichloropropane	ug/kg	100	94.7	95	83-118	
1,4-Dichlorobenzene	ug/kg	100	92.1	92	83-116	
2,2-Dichloropropane	ug/kg	100	95.8	96	76-124	
2-Butanone (MEK)	ug/kg	500	423	85	63-122	
2-Chlorotoluene	ug/kg	100	95.2	95	79-119	
2-Hexanone	ug/kg	500	443	89	68-122	
4-Chlorotoluene	ug/kg	100	97.3	97	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	439	88	63-128	
Acetone	ug/kg	500	404	81	55-124	
Benzene	ug/kg	100	90.3	90	67-126	
Bromobenzene	ug/kg	100	97.6	98	85-117	
Bromochloromethane	ug/kg	100	97.8	98	78-122	
Bromodichloromethane	ug/kg	100	96.7	97	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	70.6	71	20-168	
Carbon disulfide	ug/kg	100	100	100	60-133	
Carbon tetrachloride	ug/kg	100	104	104	79-128	
Chlorobenzene	ug/kg	100	98.4	98	84-118	
Chloroethane	ug/kg	100	74.9	75	53-139	
Chloroform	ug/kg	100	94.7	95	82-120	
Chloromethane	ug/kg	100	44.0	44	33-143	
cis-1,2-Dichloroethene	ug/kg	100	95.2	95	83-117	
cis-1,3-Dichloropropene	ug/kg	100	94.2	94	80-122	
Dibromochloromethane	ug/kg	100	107	107	82-128	
Dibromomethane	ug/kg	100	93.7	94	82-119	
Dichlorodifluoromethane	ug/kg	100	22.4	22	12-159	
Ethylbenzene	ug/kg	100	97.1	97	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	103	103	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	96.3	96	83-122	
Methyl-tert-butyl ether	ug/kg	100	89.4	89	58-137	
Methylene Chloride	ug/kg	100	88.8	89	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	99.2	99	82-122	
Naphthalene	ug/kg	100	102	102	60-136	
p-Isopropyltoluene	ug/kg	100	91.1	91	74-129	
sec-Butylbenzene	ug/kg	100	107	107	71-133	
Styrene	ug/kg	100	101	101	84-121	
tert-Butylbenzene	ug/kg	100	98.5	98	81-122	
Tetrachloroethene	ug/kg	100	105	105	78-130	
Toluene	ug/kg	100	95.6	96	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	95.6	96	78-118	
trans-1,3-Dichloropropene	ug/kg	100	100	100	81-123	
Trichloroethene	ug/kg	100	98.3	98	78-127	
Trichlorofluoromethane	ug/kg	100	89.8	90	64-133	
Vinyl chloride	ug/kg	100	57.6	58	45-139	
Xylene (Total)	ug/kg	300	290	97	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			96	85-115	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	101	97.8	81	78	13-133	3	39	
1,1,1-Trichloroethane	ug/kg	ND	124	125	95.0	98.2	76	79	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	124	125	90.5	88.0	73	70	10-139	3	49	
1,1,2-Trichloroethane	ug/kg	ND	124	125	100	94.2	81	75	10-145	6	41	
1,1-Dichloroethane	ug/kg	ND	124	125	97.9	102	78	81	24-125	4	31	
1,1-Dichloroethene	ug/kg	ND	124	125	80.8	83.9	65	67	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	124	125	86.6	89.6	70	72	29-116	3	30	
1,2,3-Trichlorobenzene	ug/kg	ND	124	125	73.7	70.3	59	56	10-115	5	40	
1,2,3-Trichloropropane	ug/kg	ND	124	125	94.9	91.1	76	73	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	124	125	76.9	72.6	62	58	10-115	6	44	
1,2,4-Trimethylbenzene	ug/kg	ND	124	125	90.5	87.4	73	70	10-123	3	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	124	125	87.4	84.6	70	68	10-136	3	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	124	125	101	96.6	81	77	24-149	4	29	
1,2-Dichlorobenzene	ug/kg	ND	124	125	86.2	80.9	69	65	10-123	6	41	
1,2-Dichloroethane	ug/kg	ND	124	125	88.1	84.7	71	68	23-140	4	29	
1,2-Dichloroethene (Total)	ug/kg	ND	248	250	188	187	76	75	30-119	0	32	
1,2-Dichloropropane	ug/kg	ND	124	125	93.6	89.9	75	72	13-132	4	33	
1,3,5-Trimethylbenzene	ug/kg	ND	124	125	92.4	90.9	74	73	10-124	2	40	
1,3-Dichlorobenzene	ug/kg	ND	124	125	89.0	84.0	72	67	10-122	6	42	
1,3-Dichloropropane	ug/kg	ND	124	125	96.9	93.0	78	74	10-135	4	36	
1,4-Dichlorobenzene	ug/kg	ND	124	125	85.1	79.8	68	64	10-120	6	38	
2,2-Dichloropropane	ug/kg	ND	124	125	92.1	94.7	74	76	22-135	3	31	
2-Butanone (MEK)	ug/kg	ND	622	625	435	427	70	68	12-127	2	37	
2-Chlorotoluene	ug/kg	ND	124	125	90.7	87.5	73	70	10-126	4	38	
2-Hexanone	ug/kg	ND	622	625	456	442	73	71	10-135	3	37	
4-Chlorotoluene	ug/kg	ND	124	125	91.5	88.5	74	71	10-129	3	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	622	625	448	434	72	69	10-129	3	36	
Acetone	ug/kg	ND	622	625	415	401	65	63	10-143	3	34	
Benzene	ug/kg	ND	124	125	90.5	90.0	73	72	37-135	1	24	
Bromobenzene	ug/kg	ND	124	125	95.4	89.8	77	72	10-134	6	45	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	100	95.8	81	77	17-129	5	34	
Bromodichloromethane	ug/kg	ND	124	125	99.0	95.2	80	76	12-130	4	33	
Bromoform	ug/kg	ND	124	125	104	99.2	84	79	10-135	5	39	
Bromomethane	ug/kg	ND	124	125	61.6	59.6	49	47	10-124	3	41	
Carbon disulfide	ug/kg	ND	124	125	75.1	77.3	60	62	17-116	3	28	
Carbon tetrachloride	ug/kg	ND	124	125	98.8	103	79	83	29-127	5	35	
Chlorobenzene	ug/kg	ND	124	125	96.8	95.0	78	76	10-133	2	33	
Chloroethane	ug/kg	ND	124	125	62.4	62.9	50	50	25-116	1	33	
Chloroform	ug/kg	ND	124	125	96.5	95.3	78	76	20-130	1	30	
Chloromethane	ug/kg	ND	124	125	32.2	32.0	26	26	10-113	0	31	
cis-1,2-Dichloroethene	ug/kg	ND	124	125	95.2	93.7	76	75	22-126	2	31	
cis-1,3-Dichloropropene	ug/kg	ND	124	125	95.5	91.5	77	73	10-125	4	34	
Dibromochloromethane	ug/kg	ND	124	125	105	101	84	81	10-138	4	38	
Dibromomethane	ug/kg	ND	124	125	98.1	92.8	79	74	13-129	6	38	
Dichlorodifluoromethane	ug/kg	ND	124	125	16.1	16.2	13	13	10-114	1	33	
Ethylbenzene	ug/kg	ND	124	125	96.1	97.4	77	78	31-142	1	25	
Hexachloro-1,3-butadiene	ug/kg	ND	124	125	85.4	85.9	69	69	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	124	125	96.0	97.6	77	78	17-120	2	34	
Methyl-tert-butyl ether	ug/kg	ND	124	125	91.4	86.2	73	69	30-143	6	28	
Methylene Chloride	ug/kg	ND	124	125	89.7	85.0	69	65	24-121	5	33	
n-Butylbenzene	ug/kg	ND	124	125	91.6	92.2	74	74	10-121	1	36	
n-Propylbenzene	ug/kg	ND	124	125	94.3	94.7	76	76	12-125	0	37	
Naphthalene	ug/kg	ND	124	125	80.6	78.1	64	62	10-156	3	34	
p-Isopropyltoluene	ug/kg	ND	124	125	88.4	87.5	71	70	10-119	1	37	
sec-Butylbenzene	ug/kg	ND	124	125	96.8	97.9	78	78	10-127	1	40	
Styrene	ug/kg	ND	124	125	95.4	91.0	77	73	10-124	5	37	
tert-Butylbenzene	ug/kg	ND	124	125	95.2	94.4	77	76	10-126	1	37	
Tetrachloroethene	ug/kg	ND	124	125	104	106	83	85	15-133	2	36	
Toluene	ug/kg	ND	124	125	95.8	97.0	77	78	40-137	1	25	
trans-1,2-Dichloroethene	ug/kg	ND	124	125	92.8	93.7	75	75	22-129	1	34	
trans-1,3-Dichloropropene	ug/kg	ND	124	125	99.8	96.0	80	77	10-130	4	35	
Trichloroethene	ug/kg	ND	124	125	98.7	99.7	79	80	19-135	1	34	
Trichlorofluoromethane	ug/kg	ND	124	125	74.2	77.8	60	62	16-132	5	28	
Vinyl chloride	ug/kg	ND	124	125	42.8	44.0	34	35	14-116	3	28	
Xylene (Total)	ug/kg	ND	374	375	285	284	76	76	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						98	99	78-118			
4-Bromofluorobenzene (S)	%						97	96	85-115			
Toluene-d8 (S)	%						103	103	80-120			

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Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 680122
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: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2749547
Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	80-123	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	69-133	10/01/20 10:01	
Toluene-d8 (S)	%	102	78-122	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.1	79	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 679802 | Analysis Method: EPA 8082
QC Batch Method: EPA 3546 | Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2748474 | Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.7	10/02/20 11:45	
Decachlorobiphenyl (S)	%	91	28-143	10/02/20 11:45	

LABORATORY CONTROL SAMPLE: 2748475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	158	144	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	158	150	95	56-128	
Decachlorobiphenyl (S)	%			93	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748476 2748477

Parameter	Units	60349351002 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	195	245	169	222	87	91	38-131	27	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	195	245	177	233	91	95	30-141	27	40	
Decachlorobiphenyl (S)	%						84	91	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 679541
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2747554
Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,2-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,3-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,4-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
2,4,5-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dimethylphenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dinitrophenol	ug/kg	ND	1610	10/06/20 09:10	
2,4-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2,6-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2-Chloronaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Chlorophenol	ug/kg	ND	318	10/06/20 09:10	
2-Methylnaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Methylphenol(o-Cresol)	ug/kg	ND	318	10/06/20 09:10	
2-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
2-Nitrophenol	ug/kg	ND	318	10/06/20 09:10	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	318	10/06/20 09:10	
3,3'-Dichlorobenzidine	ug/kg	ND	637	10/06/20 09:10	
3-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1610	10/06/20 09:10	
4-Bromophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Chloro-3-methylphenol	ug/kg	ND	637	10/06/20 09:10	
4-Chloroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Chlorophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Nitrophenol	ug/kg	ND	1610	10/06/20 09:10	
Acenaphthene	ug/kg	ND	318	10/06/20 09:10	
Acenaphthylene	ug/kg	ND	318	10/06/20 09:10	
Anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)pyrene	ug/kg	ND	318	10/06/20 09:10	
Benzo(b)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzo(g,h,i)perylene	ug/kg	ND	318	10/06/20 09:10	
Benzo(k)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzoic Acid	ug/kg	ND	1610	10/06/20 09:10	
Benzyl alcohol	ug/kg	ND	637	10/06/20 09:10	
bis(2-Chloroethoxy)methane	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroethyl) ether	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroisopropyl) ether	ug/kg	ND	318	10/06/20 09:10	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

METHOD BLANK: 2747554 Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	318	10/06/20 09:10	
Butylbenzylphthalate	ug/kg	ND	318	10/06/20 09:10	
Carbazole	ug/kg	ND	318	10/06/20 09:10	
Chrysene	ug/kg	ND	318	10/06/20 09:10	
Di-n-butylphthalate	ug/kg	ND	318	10/06/20 09:10	
Di-n-octylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dibenz(a,h)anthracene	ug/kg	ND	318	10/06/20 09:10	
Dibenzofuran	ug/kg	ND	318	10/06/20 09:10	
Diethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dimethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Fluorene	ug/kg	ND	318	10/06/20 09:10	
Hexachloro-1,3-butadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorobenzene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorocyclopentadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachloroethane	ug/kg	ND	318	10/06/20 09:10	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	318	10/06/20 09:10	
Isophorone	ug/kg	ND	318	10/06/20 09:10	
N-Nitroso-di-n-propylamine	ug/kg	ND	318	10/06/20 09:10	
N-Nitrosodiphenylamine	ug/kg	ND	318	10/06/20 09:10	
Naphthalene	ug/kg	ND	318	10/06/20 09:10	
Nitrobenzene	ug/kg	ND	318	10/06/20 09:10	
Pentachlorophenol	ug/kg	ND	1610	10/06/20 09:10	
Phenanthrene	ug/kg	ND	318	10/06/20 09:10	
Phenol	ug/kg	ND	318	10/06/20 09:10	
Pyrene	ug/kg	ND	318	10/06/20 09:10	
Pyridine	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Tribromophenol (S)	%	67	41-108	10/06/20 09:10	
2-Fluorobiphenyl (S)	%	85	39-136	10/06/20 09:10	
2-Fluorophenol (S)	%	77	43-96	10/06/20 09:10	
Nitrobenzene-d5 (S)	%	67	33-132	10/06/20 09:10	
Phenol-d6 (S)	%	76	43-95	10/06/20 09:10	
Terphenyl-d14 (S)	%	82	29-131	10/06/20 09:10	

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1650	1280	78	52-104	
1,2-Dichlorobenzene	ug/kg	1650	1230	75	51-99	
1,3-Dichlorobenzene	ug/kg	1650	1230	74	48-102	
1,4-Dichlorobenzene	ug/kg	1650	1240	75	49-101	
2,4,5-Trichlorophenol	ug/kg	1650	1330	81	58-109	
2,4,6-Trichlorophenol	ug/kg	1650	1330	81	56-109	
2,4-Dichlorophenol	ug/kg	1650	1280	78	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1650	1160	71	49-104	
2,4-Dinitrophenol	ug/kg	1650	905J	55	26-119	
2,4-Dinitrotoluene	ug/kg	1650	1090	66	60-109	
2,6-Dinitrotoluene	ug/kg	1650	1150	70	59-109	
2-Chloronaphthalene	ug/kg	1650	1270	77	56-104	
2-Chlorophenol	ug/kg	1650	1280	78	56-98	
2-Methylnaphthalene	ug/kg	1650	1280	78	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1650	1210	74	52-102	
2-Nitroaniline	ug/kg	1650	1070	65	54-113	
2-Nitrophenol	ug/kg	1650	1060	64	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1250	76	52-102	
3,3'-Dichlorobenzidine	ug/kg	1650	814	49	19-126	
3-Nitroaniline	ug/kg	1650	939	57	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1650	949J	58	37-117	
4-Bromophenylphenyl ether	ug/kg	1650	1310	79	60-106	
4-Chloro-3-methylphenol	ug/kg	1650	1290	78	55-107	
4-Chloroaniline	ug/kg	1650	730	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1650	1320	80	56-107	
4-Nitroaniline	ug/kg	1650	1150	70	52-113	
4-Nitrophenol	ug/kg	1650	1190J	72	53-114	
Acenaphthene	ug/kg	1650	1320	80	55-105	
Acenaphthylene	ug/kg	1650	1360	82	57-105	
Anthracene	ug/kg	1650	1290	79	59-106	
Benzo(a)anthracene	ug/kg	1650	1280	78	59-109	
Benzo(a)pyrene	ug/kg	1650	1250	76	59-109	
Benzo(b)fluoranthene	ug/kg	1650	1340	81	56-112	
Benzo(g,h,i)perylene	ug/kg	1650	1300	79	57-109	
Benzo(k)fluoranthene	ug/kg	1650	1210	74	57-107	
Benzoic Acid	ug/kg	1650	821J	50	10-96	
Benzyl alcohol	ug/kg	1650	1200	73	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1650	1220	74	52-102	
bis(2-Chloroethyl) ether	ug/kg	1650	1200	73	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1650	1120	68	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1300	79	61-113	
Butylbenzylphthalate	ug/kg	1650	1300	79	62-110	
Carbazole	ug/kg	1650	1300	79	60-106	
Chrysene	ug/kg	1650	1330	81	58-108	
Di-n-butylphthalate	ug/kg	1650	1310	80	61-110	
Di-n-octylphthalate	ug/kg	1650	1330	81	58-114	
Dibenz(a,h)anthracene	ug/kg	1650	1280	78	57-109	
Dibenzofuran	ug/kg	1650	1290	78	56-106	
Diethylphthalate	ug/kg	1650	1270	77	57-107	
Dimethylphthalate	ug/kg	1650	1240	75	55-106	
Fluoranthene	ug/kg	1650	1300	79	60-109	
Fluorene	ug/kg	1650	1290	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1650	1250	76	50-106	
Hexachlorobenzene	ug/kg	1650	1310	80	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1650	1100	67	18-118	
Hexachloroethane	ug/kg	1650	1150	70	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1310	80	58-108	
Isophorone	ug/kg	1650	1210	74	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1650	1160	71	50-101	
N-Nitrosodiphenylamine	ug/kg	1650	1300	79	58-107	
Naphthalene	ug/kg	1650	1260	76	51-103	
Nitrobenzene	ug/kg	1650	1100	67	51-104	
Pentachlorophenol	ug/kg	1650	1010J	62	43-123	
Phenanthrene	ug/kg	1650	1310	80	58-106	
Phenol	ug/kg	1650	1240	75	53-101	
Pyrene	ug/kg	1650	1280	78	60-108	
Pyridine	ug/kg	1650	848	52	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			79	39-136	
2-Fluorophenol (S)	%			70	43-96	
Nitrobenzene-d5 (S)	%			63	33-132	
Phenol-d6 (S)	%			69	43-95	
Terphenyl-d14 (S)	%			81	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1210	1060	67	59	42-102	13	26	
1,2-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1060	66	59	45-96	11	31	
1,3-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1040	66	58	44-95	13	31	
1,4-Dichlorobenzene	ug/kg	ND	1800	1800	1190	1040	66	58	45-95	13	30	
2,4,5-Trichlorophenol	ug/kg	ND	1800	1800	1240	1130	69	63	47-109	10	31	
2,4,6-Trichlorophenol	ug/kg	ND	1800	1800	1160	1020	65	57	14-133	13	31	
2,4-Dichlorophenol	ug/kg	ND	1800	1800	1170	1040	65	57	36-111	12	29	
2,4-Dimethylphenol	ug/kg	ND	1800	1800	995	856	55	47	22-113	15	32	
2,4-Dinitrophenol	ug/kg	ND	1800	1800	651J	694J	36	39	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1800	1800	1070	1020	60	56	10-133	5	32	
2,6-Dinitrotoluene	ug/kg	ND	1800	1800	1130	1090	63	60	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	1800	1800	1200	1100	67	61	47-105	9	28	
2-Chlorophenol	ug/kg	ND	1800	1800	1190	1070	66	59	44-100	11	31	
2-Methylnaphthalene	ug/kg	ND	1800	1800	1210	1080	67	60	43-104	11	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1800	1800	1100	996	61	55	37-105	10	32	
2-Nitroaniline	ug/kg	ND	1800	1800	1070	1010	60	56	44-117	6	28	
2-Nitrophenol	ug/kg	ND	1800	1800	1120	1020	63	57	10-145	10	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1800	1800	1120	1010	63	56	35-108	11	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1800	1800	471J	605J	26	34	10-133		39	
3-Nitroaniline	ug/kg	ND	1800	1800	1070	1120	59	62	10-124	4	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	800J	793J	44	44	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1800	1800	1240	1110	69	62	47-109	11	33	
4-Chloro-3-methylphenol	ug/kg	ND	1800	1800	1150	1040	64	58	42-109	10	30	
4-Chloroaniline	ug/kg	ND	1800	1800	870	990	48	55	10-94	13	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1800	1800	1230	1120	69	62	46-106	9	33	
4-Nitroaniline	ug/kg	ND	1800	1800	927	916	52	51	11-126	1	47	
4-Nitrophenol	ug/kg	ND	1800	1800	1060J	972J	59	54	18-130		35	
Acenaphthene	ug/kg	ND	1800	1800	1240	1130	69	63	44-104	9	23	
Acenaphthylene	ug/kg	ND	1800	1800	1270	1170	70	65	47-102	8	29	
Anthracene	ug/kg	ND	1800	1800	1200	1100	67	61	39-112	9	30	
Benzo(a)anthracene	ug/kg	ND	1800	1800	1190	1090	66	61	10-139	8	32	
Benzo(a)pyrene	ug/kg	ND	1800	1800	1200	1070	67	59	12-132	11	33	
Benzo(b)fluoranthene	ug/kg	ND	1800	1800	1160	1060	65	59	12-136	9	37	
Benzo(g,h,i)perylene	ug/kg	ND	1800	1800	1180	1070	66	59	22-119	10	41	
Benzo(k)fluoranthene	ug/kg	ND	1800	1800	1210	1090	67	60	32-113	11	32	
Benzoic Acid	ug/kg	ND	1800	1800	614J	406J	34	23	10-101		35	
Benzyl alcohol	ug/kg	ND	1800	1800	1180	1060	66	59	46-103	10	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1800	1800	1130	1010	63	56	41-100	11	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1800	1800	1160	1040	64	58	46-100	11	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1800	1800	1050	950	58	53	40-99	10	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1800	1800	1200	1110	67	62	24-141	8	33	
Butylbenzylphthalate	ug/kg	ND	1800	1800	1220	1090	68	60	41-131	12	33	
Carbazole	ug/kg	ND	1800	1800	1140	1030	63	57	41-107	10	30	
Chrysene	ug/kg	ND	1800	1800	1220	1110	68	61	10-137	9	31	
Di-n-butylphthalate	ug/kg	ND	1800	1800	1210	1090	67	60	41-118	11	31	
Di-n-octylphthalate	ug/kg	ND	1800	1800	1260	1140	70	63	40-138	10	29	
Dibenz(a,h)anthracene	ug/kg	ND	1800	1800	1180	1060	66	59	23-122	11	35	
Dibenzofuran	ug/kg	ND	1800	1800	1210	1110	67	62	49-101	8	28	
Diethylphthalate	ug/kg	ND	1800	1800	1210	1100	67	61	42-107	10	31	
Dimethylphthalate	ug/kg	ND	1800	1800	1130	1050	63	58	37-108	8	30	
Fluoranthene	ug/kg	ND	1800	1800	1220	1100	67	61	10-139	10	32	
Fluorene	ug/kg	ND	1800	1800	1210	1140	67	63	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1800	1800	1190	1060	66	59	41-104	12	27	
Hexachlorobenzene	ug/kg	ND	1800	1800	1200	1100	67	61	46-105	9	31	
Hexachlorocyclopentadiene	ug/kg	ND	1800	1800	1060	945	59	52	10-111	12	61	
Hexachloroethane	ug/kg	ND	1800	1800	1110	1000	62	56	11-119	10	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1800	1800	1190	1060	66	59	21-120	11	38	
Isophorone	ug/kg	ND	1800	1800	1130	1010	63	56	44-97	12	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1800	1800	1110	994	62	55	37-108	11	30	
N-Nitrosodiphenylamine	ug/kg	ND	1800	1800	1170	1080	65	60	41-108	8	36	
Naphthalene	ug/kg	ND	1800	1800	1200	1050	67	58	40-105	13	31	
Nitrobenzene	ug/kg	ND	1800	1800	1060	958	59	53	35-106	10	29	
Pentachlorophenol	ug/kg	ND	1800	1800	967J	844J	54	47	10-144		35	
Phenanthrene	ug/kg	ND	1800	1800	1210	1090	67	60	43-108	11	29	
Phenol	ug/kg	ND	1800	1800	1170	1040	65	58	38-102	11	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1200	1090	67	60	10-147	10	38	
Pyridine	ug/kg	ND	1800	1800	782	676	43	37	10-79	15	35	
2,4,6-Tribromophenol (S)	%						65	59	41-108			
2-Fluorobiphenyl (S)	%						68	62	39-136			
2-Fluorophenol (S)	%						61	53	43-96			
Nitrobenzene-d5 (S)	%						57	52	33-132			
Phenol-d6 (S)	%						60	53	43-95			
Terphenyl-d14 (S)	%						71	63	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 679544
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005

METHOD BLANK: 2747562 Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	14.3	10/05/20 12:13	
TPH-ORO	mg/kg	ND	14.3	10/05/20 12:13	
2-Fluorobiphenyl (S)	%	91	39-136	10/05/20 12:13	
Nitrobenzene-d5 (S)	%	84	33-132	10/05/20 12:13	
Terphenyl-d14 (S)	%	100	29-131	10/05/20 12:13	

LABORATORY CONTROL SAMPLE: 2747563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	271	84	39-122	
2-Fluorobiphenyl (S)	%			90	39-136	
Nitrobenzene-d5 (S)	%			87	33-132	
Terphenyl-d14 (S)	%			100	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747564 2747565

Parameter	Units	60349310001 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	381	386	301	342	79	89	12-137	13	38	
2-Fluorobiphenyl (S)	%						84	93	39-136			
Nitrobenzene-d5 (S)	%						82	91	33-132			
Terphenyl-d14 (S)	%						92	100	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 680409
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444006

METHOD BLANK: 2750615 Matrix: Solid
Associated Lab Samples: 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	15.0	10/07/20 21:07	
TPH-ORO	mg/kg	ND	15.0	10/07/20 21:07	
2-Fluorobiphenyl (S)	%	82	39-136	10/07/20 21:07	
Nitrobenzene-d5 (S)	%	76	33-132	10/07/20 21:07	
Terphenyl-d14 (S)	%	88	29-131	10/07/20 21:07	

LABORATORY CONTROL SAMPLE: 2750616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	258	80	39-122	
2-Fluorobiphenyl (S)	%			88	39-136	
Nitrobenzene-d5 (S)	%			86	33-132	
Terphenyl-d14 (S)	%			95	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750617 2750618

Parameter	Units	60349444006 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	376	365	266	263	71	72	12-137	1	38	
2-Fluorobiphenyl (S)	%						71	74	39-136			
Nitrobenzene-d5 (S)	%						69	72	33-132			
Terphenyl-d14 (S)	%						73	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349444

QC Batch: 679595
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

METHOD BLANK: 2747795
Matrix: Solid
Associated Lab Samples: 60349444001, 60349444002, 60349444003, 60349444004, 60349444005, 60349444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/29/20 14:17	

SAMPLE DUPLICATE: 2747796

Parameter	Units	60349444001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.2	16.7	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349444

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

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.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349444

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349444001	**DPT-30-SO-(0-3)**	EPA 3546	679802	EPA 8082	680480
60349444002	**DPT-30-SO-(29-30)**	EPA 3546	679802	EPA 8082	680480
60349444003	**DPT-31-SO-(0-3)**	EPA 3546	679802	EPA 8082	680480
60349444004	**DPT-31-SO-(29-30)**	EPA 3546	679802	EPA 8082	680480
60349444005	**DPT-32-SO-(0-3)**	EPA 3546	679802	EPA 8082	680480
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 3546	679802	EPA 8082	680480
60349444001	**DPT-30-SO-(0-3)**	EPA 3050	680742	EPA 6010	681110
60349444002	**DPT-30-SO-(29-30)**	EPA 3050	680742	EPA 6010	681110
60349444003	**DPT-31-SO-(0-3)**	EPA 3050	680742	EPA 6010	681110
60349444004	**DPT-31-SO-(29-30)**	EPA 3050	680742	EPA 6010	681110
60349444005	**DPT-32-SO-(0-3)**	EPA 3050	680742	EPA 6010	681110
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 3050	680742	EPA 6010	681110
60349444001	**DPT-30-SO-(0-3)**	EPA 7471	680546	EPA 7471	680822
60349444002	**DPT-30-SO-(29-30)**	EPA 7471	680546	EPA 7471	680822
60349444003	**DPT-31-SO-(0-3)**	EPA 7471	680546	EPA 7471	680822
60349444004	**DPT-31-SO-(29-30)**	EPA 7471	680546	EPA 7471	680822
60349444005	**DPT-32-SO-(0-3)**	EPA 7471	680546	EPA 7471	680822
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 7471	680546	EPA 7471	680822
60349444001	**DPT-30-SO-(0-3)**	EPA 3546	679541	EPA 8270	680630
60349444002	**DPT-30-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349444003	**DPT-31-SO-(0-3)**	EPA 3546	679541	EPA 8270	680630
60349444004	**DPT-31-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349444005	**DPT-32-SO-(0-3)**	EPA 3546	679541	EPA 8270	680630
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 3546	679541	EPA 8270	680630
60349444001	**DPT-30-SO-(0-3)**	EPA 3546	679544	EPA 8270	680716
60349444002	**DPT-30-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349444003	**DPT-31-SO-(0-3)**	EPA 3546	679544	EPA 8270	680716
60349444004	**DPT-31-SO-(29-30)**	EPA 3546	679544	EPA 8270	680716
60349444005	**DPT-32-SO-(0-3)**	EPA 3546	679544	EPA 8270	680716
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 3546	680409	EPA 8270	681072
60349444001	**DPT-30-SO-(0-3)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444002	**DPT-30-SO-(29-30)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444003	**DPT-31-SO-(0-3)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444004	**DPT-31-SO-(29-30)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444005	**DPT-32-SO-(0-3)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444007	**PILE LAWN-SO-TB9**	EPA 5035A/5030	680121	EPA 8260B	680210
60349444001	**DPT-30-SO-(0-3)**	EPA 5035	680122	EPA 8260	680212
60349444002	**DPT-30-SO-(29-30)**	EPA 5035	680122	EPA 8260	680212
60349444003	**DPT-31-SO-(0-3)**	EPA 5035	680122	EPA 8260	680212
60349444004	**DPT-31-SO-(29-30)**	EPA 5035	680122	EPA 8260	680212
60349444005	**DPT-32-SO-(0-3)**	EPA 5035	680122	EPA 8260	680212
60349444006	**DPT-32-SO-(24.5-25.5)**	EPA 5035	680122	EPA 8260	680212
60349444001	**DPT-30-SO-(0-3)**	ASTM D2974	679595		
60349444002	**DPT-30-SO-(29-30)**	ASTM D2974	679595		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349444

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349444003	**DPT-31-SO-(0-3)**	ASTM D2974	679595		
60349444004	**DPT-31-SO-(29-30)**	ASTM D2974	679595		
60349444005	**DPT-32-SO-(0-3)**	ASTM D2974	679595		
60349444006	**DPT-32-SO-(24.5-25.5)**	ASTM D2974	679595		

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Sample Condition Upon Receipt

WO# : 60349444

60349444

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

Cooler Temperature (°C): **As-read** 1.7 **Corr. Factor** +.2 **Corrected** 1.9

Date and initials of person examining contents: 9/25/20 SR

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:	☐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#	☐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	Rcvd 2 soil trip blanks
Headspace in VOA vials (>6mm):	☐Yes ☐No ☒N/A	
Samples from USDA Regulated Area: State: MO	☐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

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:	Pine Lawn
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: MO

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

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 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-30-SO-(0-3)	SL	G	09/24/20	1615				7	4						1	2		X	X	X	X	X	X						60J494444
2	DPT-30-SO-(29-30)	SL	G	09/24/20	1638				7	4						1	2		X	X	X	X	X	X						nc 9-25-20
3	DPT-31-SO-(0-3)	SL	G	09/24/20	1652				7	4						1	2		X	X	X	X	X	X						~~60J494446~~
4	DPT-31-SO-(29-30)	SL	G	09/24/20	1715				7	4						1	2		X	X	X	X	X	X						
5	DPT-32-SO-(0-3)	SL	G	09/24/20	1730				7	4						1	2		X	X	X	X	X	X						
6	DPT-32-SO-(24.5-25.5)	SL	G	09/24/20	1748				7	4						1	2		X	X	X	X	X	X						
7	Pine Lawn-SO-TB9	WT	G	09/24/20	1754				2				2										X							
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/24/20	~~1702~~ 1802	[illegible] Pace	9/25/20	0155	1.9	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: Thomas Kaley + Stephanie Cables

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/24/20

*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 09, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349454

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349454

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: PINE LAWN
Pace Project No.: 60349454

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349454001	**DPT-22-SO-(0-3)**	Solid	09/24/20 07:40	09/25/20 04:55
60349454002	**DPT-22-SO-(17-18)**	Solid	09/24/20 07:59	09/25/20 04:55
60349454003	**PINE LAWN - FB4**	Water	09/24/20 08:29	09/25/20 04:55
60349454004	**PINE LAWN - SO - TB8**	Solid	09/24/20 08:30	09/25/20 04:55
60349454005	**DPT-23-SO-(24-25)**	Solid	09/24/20 09:44	09/25/20 04:55
60349454006	**DPT-24-SO-(24-25)**	Solid	09/24/20 10:35	09/25/20 04:55
60349454007	**DPT-25-SO-(24-25)**	Solid	09/24/20 12:56	09/25/20 04:55

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349454001	**DPT-22-SO-(0-3)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349454002	**DPT-22-SO-(17-18)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349454003	**PINE LAWN - FB4**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 7470	MRV	1	PASI-K
		EPA 8270	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	KJM	5	PASI-K
60349454004	**PINE LAWN - SO - TB8**	EPA 8260B	RAD	68	PASI-K
60349454005	**DPT-23-SO-(24-25)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349454006	**DPT-24-SO-(24-25)**	EPA 8082	AJB1	9	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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
60349454007	**DPT-25-SO-(24-25)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(0-3) **Lab ID: 60349454001** Collected: 09/24/20 07:40 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	46.8	1	09/30/20 15:02	10/02/20 19:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	46.8	1	09/30/20 15:02	10/02/20 19:48	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	82	%	28-143	1	09/30/20 15:02	10/02/20 19:48	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.5**	mg/kg	0.96	1	10/05/20 14:38	10/07/20 10:30	7440-38-2	
Barium	**113**	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:30	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:30	7440-43-9	
Chromium	**11.2**	mg/kg	0.48	1	10/05/20 14:38	10/07/20 10:30	7440-47-3	
Lead	**36.8**	mg/kg	0.96	1	10/05/20 14:38	10/07/20 10:30	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/05/20 14:38	10/07/20 10:30	7782-49-2	
Silver	ND	mg/kg	0.67	1	10/05/20 14:38	10/07/20 10:30	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**0.13**	mg/kg	0.040	1	10/05/20 10:25	10/06/20 11:10	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	83-32-9	
Acenaphthylene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	208-96-8	
Anthracene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	207-08-9	
Benzoic Acid	ND	ug/kg	8660	1	09/30/20 12:08	10/08/20 21:27	65-85-0	
Benzyl alcohol	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	85-68-7	
Carbazole	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	59-50-7	
4-Chloroaniline	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	91-58-7	

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(0-3) **Lab ID: 60349454001** Collected: 09/24/20 07:40 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1710	1	09/30/20 12:08	10/08/20 21:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	7005-72-3	
Chrysene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	53-70-3	
Dibenzofuran	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	120-83-2	
Diethylphthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	105-67-9	
Dimethylphthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	8660	1	09/30/20 12:08	10/08/20 21:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	8660	1	09/30/20 12:08	10/08/20 21:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	117-81-7	
Fluoranthene	**1770**	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	206-44-0	
Fluorene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	77-47-4	
Hexachloroethane	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	193-39-5	
Isophorone	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	78-59-1	
2-Methylnaphthalene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	15831-10-4	
Naphthalene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	91-20-3	
2-Nitroaniline	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	88-74-4	
3-Nitroaniline	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	99-09-2	
4-Nitroaniline	ND	ug/kg	3420	1	09/30/20 12:08	10/08/20 21:27	100-01-6	
Nitrobenzene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	98-95-3	
2-Nitrophenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	88-75-5	
4-Nitrophenol	ND	ug/kg	8660	1	09/30/20 12:08	10/08/20 21:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	86-30-6	
Pentachlorophenol	ND	ug/kg	8660	1	09/30/20 12:08	10/08/20 21:27	87-86-5	
Phenanthrene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	85-01-8	
Phenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	108-95-2	
Pyrene	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	129-00-0	
Pyridine	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(0-3) **Lab ID: 60349454001** Collected: 09/24/20 07:40 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1710	1	09/30/20 12:08	10/08/20 21:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1710	1	09/30/20 12:08	10/08/20 21:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	33-132	1	09/30/20 12:08	10/08/20 21:27	4165-60-0	P3
2-Fluorobiphenyl (S)	86	%	39-136	1	09/30/20 12:08	10/08/20 21:27	321-60-8	
Terphenyl-d14 (S)	94	%	29-131	1	09/30/20 12:08	10/08/20 21:27	1718-51-0	
Phenol-d6 (S)	81	%	43-95	1	09/30/20 12:08	10/08/20 21:27	13127-88-3	
2-Fluorophenol (S)	78	%	43-96	1	09/30/20 12:08	10/08/20 21:27	367-12-4	
2,4,6-Tribromophenol (S)	73	%	41-108	1	09/30/20 12:08	10/08/20 21:27	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	139	1	10/02/20 15:13	10/07/20 21:46		
TPH-DRO	ND	mg/kg	139	1	10/02/20 15:13	10/07/20 21:46		
Surrogates								
Nitrobenzene-d5 (S)	85	%	33-132	1	10/02/20 15:13	10/07/20 21:46	4165-60-0	P3
2-Fluorobiphenyl (S)	102	%	39-136	1	10/02/20 15:13	10/07/20 21:46	321-60-8	
Terphenyl-d14 (S)	100	%	29-131	1	10/02/20 15:13	10/07/20 21:46	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**45.5**	ug/kg	12.2	1	10/01/20 09:39	10/01/20 13:24	67-64-1	
Benzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	71-43-2	
Bromobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-27-4	
Bromoform	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-25-2	
Bromomethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	74-83-9	
2-Butanone (MEK)	**9.0**	ug/kg	6.1	1	10/01/20 09:39	10/01/20 13:24	78-93-3	
n-Butylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	15.3	1	10/01/20 09:39	10/01/20 13:24	98-06-6	
Carbon disulfide	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	108-90-7	
Chloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-00-3	
Chloroform	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	67-66-3	
Chloromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1	10/01/20 09:39	10/01/20 13:24	96-12-8	
Dibromochloromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	106-93-4	
Dibromomethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(0-3) **Lab ID: 60349454001** Collected: 09/24/20 07:40 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.1	1	10/01/20 09:39	10/01/20 13:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	10061-02-6	
Ethylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	87-68-3	
2-Hexanone	ND	ug/kg	12.2	1	10/01/20 09:39	10/01/20 13:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	99-87-6	
Methylene Chloride	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.1	1	10/01/20 09:39	10/01/20 13:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1	10/01/20 09:39	10/01/20 13:24	91-20-3	
n-Propylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	103-65-1	
Styrene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	79-34-5	
Tetrachloroethene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	127-18-4	
Toluene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	79-00-5	
Trichloroethene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	108-67-8	
Vinyl chloride	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	75-01-4	
Xylene (Total)	ND	ug/kg	3.1	1	10/01/20 09:39	10/01/20 13:24	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	10/01/20 09:39	10/01/20 13:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	10/01/20 09:39	10/01/20 13:24	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(0-3) **Lab ID: 60349454001** Collected: 09/24/20 07:40 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	105	%	78-118	1	10/01/20 09:39	10/01/20 13:24	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	0.31	1	10/01/20 09:39	10/01/20 13:24		
Surrogates								
Toluene-d8 (S)	102	%	78-122	1	10/01/20 09:39	10/01/20 13:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	10/01/20 09:39	10/01/20 13:24	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-123	1	10/01/20 09:39	10/01/20 13:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**4.9**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(17-18) **Lab ID: 60349454002** Collected: 09/24/20 07:59 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	40.4	1	09/30/20 15:02	10/02/20 20:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.4	1	09/30/20 15:02	10/02/20 20:06	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	86	%	28-143	1	09/30/20 15:02	10/02/20 20:06	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**5.4**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:33	7440-38-2	
Barium	**108**	mg/kg	0.54	1	10/05/20 14:38	10/07/20 10:33	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	10/05/20 14:38	10/07/20 10:33	7440-43-9	
Chromium	**23.7**	mg/kg	0.54	1	10/05/20 14:38	10/07/20 10:33	7440-47-3	
Lead	**13.9**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:33	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/05/20 14:38	10/07/20 10:33	7782-49-2	
Silver	ND	mg/kg	0.75	1	10/05/20 14:38	10/07/20 10:33	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.048	1	10/05/20 10:25	10/06/20 11:12	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	83-32-9	
Acenaphthylene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	208-96-8	
Anthracene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	207-08-9	
Benzoic Acid	ND	ug/kg	10200	5	09/30/20 12:08	10/08/20 21:49	65-85-0	
Benzyl alcohol	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	85-68-7	
Carbazole	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	59-50-7	
4-Chloroaniline	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(17-18) **Lab ID: 60349454002** Collected: 09/24/20 07:59 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	2020	5	09/30/20 12:08	10/08/20 21:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	7005-72-3	
Chrysene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	53-70-3	
Dibenzofuran	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	120-83-2	
Diethylphthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	105-67-9	
Dimethylphthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10200	5	09/30/20 12:08	10/08/20 21:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	10200	5	09/30/20 12:08	10/08/20 21:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	117-81-7	
Fluoranthene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	206-44-0	
Fluorene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	77-47-4	
Hexachloroethane	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	193-39-5	
Isophorone	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	78-59-1	
2-Methylnaphthalene	**2610**	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	15831-10-4	
Naphthalene	**4300**	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	91-20-3	
2-Nitroaniline	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	88-74-4	
3-Nitroaniline	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	99-09-2	
4-Nitroaniline	ND	ug/kg	4030	5	09/30/20 12:08	10/08/20 21:49	100-01-6	
Nitrobenzene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	98-95-3	
2-Nitrophenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	88-75-5	
4-Nitrophenol	ND	ug/kg	10200	5	09/30/20 12:08	10/08/20 21:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	86-30-6	
Pentachlorophenol	ND	ug/kg	10200	5	09/30/20 12:08	10/08/20 21:49	87-86-5	
Phenanthrene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	85-01-8	
Phenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	108-95-2	
Pyrene	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	129-00-0	
Pyridine	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(17-18) **Lab ID: 60349454002** Collected: 09/24/20 07:59 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	2020	5	09/30/20 12:08	10/08/20 21:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2020	5	09/30/20 12:08	10/08/20 21:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	153	%	33-132	5	09/30/20 12:08	10/08/20 21:49	4165-60-0	D4,S0
2-Fluorobiphenyl (S)	91	%	39-136	5	09/30/20 12:08	10/08/20 21:49	321-60-8	
Terphenyl-d14 (S)	99	%	29-131	5	09/30/20 12:08	10/08/20 21:49	1718-51-0	
Phenol-d6 (S)	90	%	43-95	5	09/30/20 12:08	10/08/20 21:49	13127-88-3	
2-Fluorophenol (S)	83	%	43-96	5	09/30/20 12:08	10/08/20 21:49	367-12-4	
2,4,6-Tribromophenol (S)	85	%	41-108	5	09/30/20 12:08	10/08/20 21:49	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	31.3	1	10/02/20 15:13	10/07/20 22:06		
TPH-DRO	**1310**	mg/kg	31.3	1	10/02/20 15:13	10/07/20 22:06		
Surrogates								
Nitrobenzene-d5 (S)	118	%	33-132	1	10/02/20 15:13	10/07/20 22:06	4165-60-0	
2-Fluorobiphenyl (S)	79	%	39-136	1	10/02/20 15:13	10/07/20 22:06	321-60-8	
Terphenyl-d14 (S)	85	%	29-131	1	10/02/20 15:13	10/07/20 22:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
Acetone	**5120**	ug/kg	3400	5	10/01/20 14:51	10/01/20 20:06	67-64-1	
Benzene	**19200**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	71-43-2	
Bromobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	108-86-1	
Bromochloromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	74-97-5	
Bromodichloromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-27-4	
Bromoform	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-25-2	
Bromomethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1700	5	10/01/20 14:51	10/01/20 20:06	78-93-3	
n-Butylbenzene	**3970**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	104-51-8	
sec-Butylbenzene	**3640**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	4240	5	10/01/20 14:51	10/01/20 20:06	98-06-6	
Carbon disulfide	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	56-23-5	
Chlorobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	108-90-7	
Chloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-00-3	
Chloroform	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	67-66-3	
Chloromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1700	5	10/01/20 14:51	10/01/20 20:06	96-12-8	
Dibromochloromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	106-93-4	
Dibromomethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(17-18) **Lab ID: 60349454002** Collected: 09/24/20 07:59 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	849	5	10/01/20 14:51	10/01/20 20:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	540-59-0	
1,1-Dichloroethene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	10061-02-6	
Ethylbenzene	**42500**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	87-68-3	
2-Hexanone	ND	ug/kg	3400	5	10/01/20 14:51	10/01/20 20:06	591-78-6	
Isopropylbenzene (Cumene)	**11400**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	98-82-8	
p-Isopropyltoluene	**3080**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	99-87-6	
Methylene Chloride	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1700	5	10/01/20 14:51	10/01/20 20:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	1634-04-4	
Naphthalene	**7400**	ug/kg	1700	5	10/01/20 14:51	10/01/20 20:06	91-20-3	
n-Propylbenzene	**13500**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	103-65-1	
Styrene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	79-34-5	
Tetrachloroethene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	127-18-4	
Toluene	**1720**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	79-00-5	
Trichloroethene	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	96-18-4	
1,2,4-Trimethylbenzene	**33600**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	95-63-6	
1,3,5-Trimethylbenzene	**7210**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	108-67-8	
Vinyl chloride	ND	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	75-01-4	
Xylene (Total)	**20900**	ug/kg	849	5	10/01/20 14:51	10/01/20 20:06	1330-20-7	
Surrogates								
Toluene-d8 (S)	113	%	80-120	5	10/01/20 14:51	10/01/20 20:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	83-119	5	10/01/20 14:51	10/01/20 20:06	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-22-SO-(17-18) **Lab ID: 60349454002** Collected: 09/24/20 07:59 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	89	%	78-118	5	10/01/20 14:51	10/01/20 20:06	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	**1840**	mg/kg	84.9	5	10/01/20 14:51	10/01/20 20:06		
Surrogates								
Toluene-d8 (S)	113	%	80-120	5	10/01/20 14:51	10/01/20 20:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	5	10/01/20 14:51	10/01/20 20:06	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	78-118	5	10/01/20 14:51	10/01/20 20:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**19.6**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - FB4 **Lab ID: 60349454003** Collected: 09/24/20 08:29 Received: 09/25/20 04:55 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	0.91	1	10/02/20 13:17	10/05/20 09:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.91	1	10/02/20 13:17	10/05/20 09:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	30-136	1	10/02/20 13:17	10/05/20 09:51	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/05/20 16:09	10/06/20 16:39	7440-38-2	
Barium	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 16:39	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 16:39	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 16:39	7440-47-3	
Lead	ND	ug/L	10.0	1	10/05/20 16:09	10/06/20 16:39	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/05/20 16:09	10/06/20 16:39	7782-49-2	
Silver	ND	ug/L	7.0	1	10/05/20 16:09	10/06/20 16:39	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	10/05/20 16:09	10/06/20 11:55	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 11:55	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 11:55	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/05/20 16:09	10/06/20 11:55	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/05/20 16:09	10/06/20 11:55	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/05/20 16:09	10/06/20 11:55	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/05/20 16:09	10/06/20 11:55	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	10/06/20 14:09	10/07/20 10:46	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	09/29/20 14:13	10/01/20 10:29	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	09/30/20 23:58	10/08/20 02:00		
TPH-DRO	ND	mg/L	1.0	1	09/30/20 23:58	10/08/20 02:00		
Surrogates								
Nitrobenzene-d5 (S)	65	%	27-106	1	09/30/20 23:58	10/08/20 02:00	4165-60-0	
2-Fluorobiphenyl (S)	67	%	29-108	1	09/30/20 23:58	10/08/20 02:00	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - FB4 **Lab ID: 60349454003** Collected: 09/24/20 08:29 Received: 09/25/20 04:55 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)	73	%	34-129	1	09/30/20 23:58	10/08/20 02:00	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	83-32-9	
Acenaphthylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	208-96-8	
Anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	207-08-9	
Benzoic Acid	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	65-85-0	
Benzyl alcohol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	85-68-7	
Carbazole	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	59-50-7	
4-Chloroaniline	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	108-60-1	
2-Chloronaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	91-58-7	
2-Chlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	7005-72-3	
Chrysene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	53-70-3	
Dibenzofuran	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	120-83-2	
Diethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	105-67-9	
Dimethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 11:00	117-81-7	
Fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	206-44-0	
Fluorene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - FB4 **Lab ID: 60349454003** Collected: 09/24/20 08:29 Received: 09/25/20 04:55 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	9.5	1	09/30/20 15:38	10/05/20 11:00	87-68-3	
Hexachlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	77-47-4	
Hexachloroethane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	193-39-5	
Isophorone	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	15831-10-4	
Naphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	91-20-3	
2-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	88-74-4	
3-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	99-09-2	
4-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	100-01-6	
Nitrobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	98-95-3	
2-Nitrophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	88-75-5	
4-Nitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	86-30-6	
Pentachlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	87-86-5	
Phenanthrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	85-01-8	
Phenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	108-95-2	
Pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	129-00-0	
Pyridine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 11:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 11:00	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	36	%	27-106	1	09/30/20 15:38	10/05/20 11:00	4165-60-0	
2-Fluorobiphenyl (S)	38	%	29-108	1	09/30/20 15:38	10/05/20 11:00	321-60-8	
Terphenyl-d14 (S)	71	%	34-129	1	09/30/20 15:38	10/05/20 11:00	1718-51-0	
Phenol-d6 (S)	26	%	10-44	1	09/30/20 15:38	10/05/20 11:00	13127-88-3	
2-Fluorophenol (S)	30	%	11-64	1	09/30/20 15:38	10/05/20 11:00	367-12-4	
2,4,6-Tribromophenol (S)	47	%	16-114	1	09/30/20 15:38	10/05/20 11:00	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/29/20 06:16	67-64-1	
Benzene	ND	ug/L	1.0	1		09/29/20 06:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 06:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 06:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 06:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 06:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 06:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 06:16	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - FB4 **Lab ID: 60349454003** Collected: 09/24/20 08:29 Received: 09/25/20 04:55 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		09/29/20 06:16	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 06:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 06:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 06:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 06:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 06:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 06:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 06:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 06:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 06:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 06:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 06:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 06:16	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 06:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 06:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 06:16	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 06:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 06:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 06:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 06:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 06:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 06:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 06:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 06:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 06:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 06:16	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 06:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/29/20 06:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 06:16	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 06:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 06:16	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 06:16	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 06:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 06:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 06:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 06:16	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 06:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 06:16	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - FB4 **Lab ID: 60349454003** Collected: 09/24/20 08:29 Received: 09/25/20 04:55 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		09/29/20 06:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 06:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 06:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 06:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 06:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 06:16	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 06:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 06:16	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		09/29/20 06:16	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117	1		09/29/20 06:16	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		09/29/20 06:16	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 06:16		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		10/02/20 15:00		
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/02/20 15:00	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		10/02/20 15:00	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-117	1		10/02/20 15:00	17060-07-0	
Preservation pH	**1.0**		0.10	1		10/02/20 15:00		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - SO - TB8 **Lab ID: 60349454004** Collected: 09/24/20 08:30 Received: 09/25/20 04:55 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	10/01/20 14:22	10/01/20 17:01	67-64-1	
Benzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-27-4	
Bromoform	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-25-2	
Bromomethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1	10/01/20 14:22	10/01/20 17:01	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.0	1	10/01/20 14:22	10/01/20 17:01	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	108-90-7	
Chloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-00-3	
Chloroform	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	67-66-3	
Chloromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1	10/01/20 14:22	10/01/20 17:01	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1	10/01/20 14:22	10/01/20 17:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-09-2	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: PINE LAWN - SO - TB8 **Lab ID: 60349454004** Collected: 09/24/20 08:30 Received: 09/25/20 04:55 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	10/01/20 14:22	10/01/20 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1	10/01/20 14:22	10/01/20 17:01	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	103-65-1	
Styrene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	127-18-4	
Toluene	**8.4**	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1	10/01/20 14:22	10/01/20 17:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	10/01/20 14:22	10/01/20 17:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%	85-115	1	10/01/20 14:22	10/01/20 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	78-118	1	10/01/20 14:22	10/01/20 17:01	17060-07-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-23-SO-(24-25) **Lab ID: 60349454005** Collected: 09/24/20 09:44 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	36.6	1	09/30/20 15:02	10/02/20 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.6	1	09/30/20 15:02	10/02/20 20:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	09/30/20 15:02	10/02/20 20:24	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.2**	mg/kg	0.92	1	10/05/20 14:38	10/07/20 10:35	7440-38-2	
Barium	**66.7**	mg/kg	0.46	1	10/05/20 14:38	10/07/20 10:35	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	10/05/20 14:38	10/07/20 10:35	7440-43-9	
Chromium	**30.8**	mg/kg	0.46	1	10/05/20 14:38	10/07/20 10:35	7440-47-3	
Lead	**4.4**	mg/kg	0.92	1	10/05/20 14:38	10/07/20 10:35	7439-92-1	
Selenium	ND	mg/kg	1.4	1	10/05/20 14:38	10/07/20 10:35	7782-49-2	
Silver	ND	mg/kg	0.64	1	10/05/20 14:38	10/07/20 10:35	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	10/05/20 10:25	10/06/20 11:15	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	83-32-9	
Acenaphthylene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	208-96-8	
Anthracene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	207-08-9	
Benzoic Acid	ND	ug/kg	1770	1	09/30/20 12:08	10/08/20 22:10	65-85-0	
Benzyl alcohol	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	101-55-3	
Butylbenzylphthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	85-68-7	
Carbazole	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	59-50-7	
4-Chloroaniline	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	108-60-1	
2-Chloronaphthalene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-23-SO-(24-25) **Lab ID: 60349454005** Collected: 09/24/20 09:44 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	349	1	09/30/20 12:08	10/08/20 22:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	7005-72-3	
Chrysene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	53-70-3	
Dibenzofuran	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	120-83-2	
Diethylphthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	105-67-9	
Dimethylphthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	131-11-3	
Di-n-butylphthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1770	1	09/30/20 12:08	10/08/20 22:10	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1770	1	09/30/20 12:08	10/08/20 22:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	606-20-2	
Di-n-octylphthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	117-81-7	
Fluoranthene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	206-44-0	
Fluorene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	87-68-3	
Hexachlorobenzene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	77-47-4	
Hexachloroethane	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	193-39-5	
Isophorone	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	78-59-1	
2-Methylnaphthalene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	15831-10-4	
Naphthalene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	91-20-3	
2-Nitroaniline	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	88-74-4	
3-Nitroaniline	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	99-09-2	
4-Nitroaniline	ND	ug/kg	699	1	09/30/20 12:08	10/08/20 22:10	100-01-6	
Nitrobenzene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	98-95-3	
2-Nitrophenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	88-75-5	
4-Nitrophenol	ND	ug/kg	1770	1	09/30/20 12:08	10/08/20 22:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	86-30-6	
Pentachlorophenol	ND	ug/kg	1770	1	09/30/20 12:08	10/08/20 22:10	87-86-5	
Phenanthrene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	85-01-8	
Phenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	108-95-2	
Pyrene	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	129-00-0	
Pyridine	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-23-SO-(24-25) **Lab ID: 60349454005** Collected: 09/24/20 09:44 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	349	1	09/30/20 12:08	10/08/20 22:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	349	1	09/30/20 12:08	10/08/20 22:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	33-132	1	09/30/20 12:08	10/08/20 22:10	4165-60-0	
2-Fluorobiphenyl (S)	72	%	39-136	1	09/30/20 12:08	10/08/20 22:10	321-60-8	
Terphenyl-d14 (S)	81	%	29-131	1	09/30/20 12:08	10/08/20 22:10	1718-51-0	
Phenol-d6 (S)	67	%	43-95	1	09/30/20 12:08	10/08/20 22:10	13127-88-3	
2-Fluorophenol (S)	66	%	43-96	1	09/30/20 12:08	10/08/20 22:10	367-12-4	
2,4,6-Tribromophenol (S)	73	%	41-108	1	09/30/20 12:08	10/08/20 22:10	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	40.8	1	10/02/20 15:13	10/07/20 22:25		
TPH-DRO	ND	mg/kg	40.8	1	10/02/20 15:13	10/07/20 22:25		
Surrogates								
Nitrobenzene-d5 (S)	78	%	33-132	1	10/02/20 15:13	10/07/20 22:25	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	10/02/20 15:13	10/07/20 22:25	321-60-8	
Terphenyl-d14 (S)	89	%	29-131	1	10/02/20 15:13	10/07/20 22:25	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	14.0	1	10/01/20 09:39	10/01/20 13:40	67-64-1	
Benzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	71-43-2	
Bromobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-27-4	
Bromoform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-25-2	
Bromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 13:40	78-93-3	
n-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.5	1	10/01/20 09:39	10/01/20 13:40	98-06-6	
Carbon disulfide	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	108-90-7	
Chloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-00-3	
Chloroform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	67-66-3	
Chloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 13:40	96-12-8	
Dibromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	106-93-4	
Dibromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-23-SO-(24-25) **Lab ID: 60349454005** Collected: 09/24/20 09:44 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.5	1	10/01/20 09:39	10/01/20 13:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	10061-02-6	
Ethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	87-68-3	
2-Hexanone	ND	ug/kg	14.0	1	10/01/20 09:39	10/01/20 13:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	99-87-6	
Methylene Chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 13:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	10/01/20 09:39	10/01/20 13:40	91-20-3	
n-Propylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	103-65-1	
Styrene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	79-34-5	
Tetrachloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	127-18-4	
Toluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	79-00-5	
Trichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	108-67-8	
Vinyl chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	75-01-4	
Xylene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 13:40	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	10/01/20 09:39	10/01/20 13:40	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 13:40	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-23-SO-(24-25) **Lab ID: 60349454005** Collected: 09/24/20 09:44 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 13:40	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	0.35	1	10/01/20 09:39	10/01/20 13:40		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	10/01/20 09:39	10/01/20 13:40	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 13:40	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	10/01/20 09:39	10/01/20 13:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**10.5**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-24-SO-(24-25) **Lab ID: 60349454006** Collected: 09/24/20 10:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	36.0	1	10/01/20 16:31	10/02/20 22:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	11096-82-5	
PCB, Total	ND	ug/kg	36.0	1	10/01/20 16:31	10/02/20 22:29	1336-36-3	
Surrogates								
Decachlorobiphenyl (S)	86	%	28-143	1	10/01/20 16:31	10/02/20 22:29	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**1.8**	mg/kg	1.0	1	10/05/20 14:38	10/07/20 10:38	7440-38-2	
Barium	**92.5**	mg/kg	0.51	1	10/05/20 14:38	10/07/20 10:38	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	10/05/20 14:38	10/07/20 10:38	7440-43-9	
Chromium	**32.3**	mg/kg	0.51	1	10/05/20 14:38	10/07/20 10:38	7440-47-3	
Lead	**11.9**	mg/kg	1.0	1	10/05/20 14:38	10/07/20 10:38	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/05/20 14:38	10/07/20 10:38	7782-49-2	
Silver	ND	mg/kg	0.71	1	10/05/20 14:38	10/07/20 10:38	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.054	1	10/05/20 10:25	10/06/20 11:17	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	83-32-9	
Acenaphthylene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	208-96-8	
Anthracene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	207-08-9	
Benzoic Acid	ND	ug/kg	1840	1	09/30/20 12:08	10/08/20 22:32	65-85-0	
Benzyl alcohol	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	85-68-7	
Carbazole	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	59-50-7	
4-Chloroaniline	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	108-60-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-24-SO-(24-25) **Lab ID: 60349454006** Collected: 09/24/20 10:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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-Chloronaphthalene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	91-58-7	
2-Chlorophenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	7005-72-3	
Chrysene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	53-70-3	
Dibenzofuran	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	120-83-2	
Diethylphthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	105-67-9	
Dimethylphthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1840	1	09/30/20 12:08	10/08/20 22:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1840	1	09/30/20 12:08	10/08/20 22:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	117-81-7	
Fluoranthene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	206-44-0	
Fluorene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	77-47-4	
Hexachloroethane	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	193-39-5	
Isophorone	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	15831-10-4	
Naphthalene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	91-20-3	
2-Nitroaniline	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	88-74-4	
3-Nitroaniline	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	99-09-2	
4-Nitroaniline	ND	ug/kg	727	1	09/30/20 12:08	10/08/20 22:32	100-01-6	
Nitrobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	98-95-3	
2-Nitrophenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	88-75-5	
4-Nitrophenol	ND	ug/kg	1840	1	09/30/20 12:08	10/08/20 22:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	86-30-6	
Pentachlorophenol	ND	ug/kg	1840	1	09/30/20 12:08	10/08/20 22:32	87-86-5	
Phenanthrene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	85-01-8	
Phenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	108-95-2	
Pyrene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	129-00-0	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-24-SO-(24-25) **Lab ID: 60349454006** Collected: 09/24/20 10:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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							
Pyridine	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	364	1	09/30/20 12:08	10/08/20 22:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	33-132	1	09/30/20 12:08	10/08/20 22:32	4165-60-0	
2-Fluorobiphenyl (S)	71	%	39-136	1	09/30/20 12:08	10/08/20 22:32	321-60-8	
Terphenyl-d14 (S)	80	%	29-131	1	09/30/20 12:08	10/08/20 22:32	1718-51-0	
Phenol-d6 (S)	66	%	43-95	1	09/30/20 12:08	10/08/20 22:32	13127-88-3	
2-Fluorophenol (S)	64	%	43-96	1	09/30/20 12:08	10/08/20 22:32	367-12-4	
2,4,6-Tribromophenol (S)	72	%	41-108	1	09/30/20 12:08	10/08/20 22:32	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	16.6	1	10/02/20 15:13	10/07/20 22:45		
TPH-DRO	ND	mg/kg	16.6	1	10/02/20 15:13	10/07/20 22:45		
Surrogates								
Nitrobenzene-d5 (S)	71	%	33-132	1	10/02/20 15:13	10/07/20 22:45	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-136	1	10/02/20 15:13	10/07/20 22:45	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	10/02/20 15:13	10/07/20 22:45	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	12.1	1	10/01/20 09:39	10/01/20 13:55	67-64-1	
Benzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	71-43-2	
Bromobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-27-4	
Bromoform	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-25-2	
Bromomethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.0	1	10/01/20 09:39	10/01/20 13:55	78-93-3	
n-Butylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	15.1	1	10/01/20 09:39	10/01/20 13:55	98-06-6	
Carbon disulfide	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	108-90-7	
Chloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-00-3	
Chloroform	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	67-66-3	
Chloromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1	10/01/20 09:39	10/01/20 13:55	96-12-8	
Dibromochloromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	106-93-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-24-SO-(24-25) **Lab ID: 60349454006** Collected: 09/24/20 10:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.0	1	10/01/20 09:39	10/01/20 13:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	10061-02-6	
Ethylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	87-68-3	
2-Hexanone	ND	ug/kg	12.1	1	10/01/20 09:39	10/01/20 13:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	99-87-6	
Methylene Chloride	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.0	1	10/01/20 09:39	10/01/20 13:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1	10/01/20 09:39	10/01/20 13:55	91-20-3	
n-Propylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	103-65-1	
Styrene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	79-34-5	
Tetrachloroethene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	127-18-4	
Toluene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	79-00-5	
Trichloroethene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	108-67-8	
Vinyl chloride	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	75-01-4	
Xylene (Total)	ND	ug/kg	3.0	1	10/01/20 09:39	10/01/20 13:55	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	10/01/20 09:39	10/01/20 13:55	2037-26-5	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-24-SO-(24-25) **Lab ID: 60349454006** Collected: 09/24/20 10:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	96	%	85-115	1	10/01/20 09:39	10/01/20 13:55	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	78-118	1	10/01/20 09:39	10/01/20 13:55	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	0.30	1	10/01/20 09:39	10/01/20 13:55		
Surrogates								
Toluene-d8 (S)	99	%	78-122	1	10/01/20 09:39	10/01/20 13:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 13:55	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-123	1	10/01/20 09:39	10/01/20 13:55	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**10.6**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-25-SO-(24-25) **Lab ID: 60349454007** Collected: 09/24/20 12:56 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	37.3	1	10/01/20 16:31	10/02/20 23:22	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	37.3	1	10/01/20 16:31	10/02/20 23:22	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	10/01/20 16:31	10/02/20 23:22	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**3.3**	mg/kg	1.0	1	10/05/20 14:38	10/07/20 10:40	7440-38-2	
Barium	**94.4**	mg/kg	0.52	1	10/05/20 14:38	10/07/20 10:40	7440-39-3	
Cadmium	**0.52**	mg/kg	0.52	1	10/05/20 14:38	10/07/20 10:40	7440-43-9	
Chromium	**34.3**	mg/kg	0.52	1	10/05/20 14:38	10/07/20 10:40	7440-47-3	
Lead	**8.1**	mg/kg	1.0	1	10/05/20 14:38	10/07/20 10:40	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/05/20 14:38	10/07/20 10:40	7782-49-2	
Silver	ND	mg/kg	0.73	1	10/05/20 14:38	10/07/20 10:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.045	1	10/05/20 10:25	10/06/20 11:19	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	83-32-9	
Acenaphthylene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	208-96-8	
Anthracene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	207-08-9	
Benzoic Acid	ND	ug/kg	1870	1	09/30/20 12:08	10/08/20 22:53	65-85-0	
Benzyl alcohol	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	85-68-7	
Carbazole	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	59-50-7	
4-Chloroaniline	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	108-60-1	
2-Chloronaphthalene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-25-SO-(24-25) **Lab ID: 60349454007** Collected: 09/24/20 12:56 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	369	1	09/30/20 12:08	10/08/20 22:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	7005-72-3	
Chrysene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	53-70-3	
Dibenzofuran	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	120-83-2	
Diethylphthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	105-67-9	
Dimethylphthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1870	1	09/30/20 12:08	10/08/20 22:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/08/20 22:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	117-81-7	
Fluoranthene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	206-44-0	
Fluorene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	77-47-4	
Hexachloroethane	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	193-39-5	
Isophorone	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	78-59-1	
2-Methylnaphthalene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	15831-10-4	
Naphthalene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	91-20-3	
2-Nitroaniline	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	88-74-4	
3-Nitroaniline	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	99-09-2	
4-Nitroaniline	ND	ug/kg	737	1	09/30/20 12:08	10/08/20 22:53	100-01-6	
Nitrobenzene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	98-95-3	
2-Nitrophenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	88-75-5	
4-Nitrophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/08/20 22:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	86-30-6	
Pentachlorophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/08/20 22:53	87-86-5	
Phenanthrene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	85-01-8	
Phenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	108-95-2	
Pyrene	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	129-00-0	
Pyridine	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-25-SO-(24-25) **Lab ID: 60349454007** Collected: 09/24/20 12:56 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	369	1	09/30/20 12:08	10/08/20 22:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	1	09/30/20 12:08	10/08/20 22:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	33-132	1	09/30/20 12:08	10/08/20 22:53	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	09/30/20 12:08	10/08/20 22:53	321-60-8	
Terphenyl-d14 (S)	96	%	29-131	1	09/30/20 12:08	10/08/20 22:53	1718-51-0	
Phenol-d6 (S)	77	%	43-95	1	09/30/20 12:08	10/08/20 22:53	13127-88-3	
2-Fluorophenol (S)	74	%	43-96	1	09/30/20 12:08	10/08/20 22:53	367-12-4	
2,4,6-Tribromophenol (S)	85	%	41-108	1	09/30/20 12:08	10/08/20 22:53	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	37.6	1	10/02/20 15:13	10/07/20 23:04		
TPH-DRO	ND	mg/kg	37.6	1	10/02/20 15:13	10/07/20 23:04		
Surrogates								
Nitrobenzene-d5 (S)	78	%	33-132	1	10/02/20 15:13	10/07/20 23:04	4165-60-0	
2-Fluorobiphenyl (S)	84	%	39-136	1	10/02/20 15:13	10/07/20 23:04	321-60-8	
Terphenyl-d14 (S)	90	%	29-131	1	10/02/20 15:13	10/07/20 23:04	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	13.2	1	10/01/20 09:39	10/01/20 14:11	67-64-1	
Benzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-27-4	
Bromoform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-25-2	
Bromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:11	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.5	1	10/01/20 09:39	10/01/20 14:11	98-06-6	
Carbon disulfide	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	108-90-7	
Chloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-00-3	
Chloroform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	67-66-3	
Chloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:11	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-25-SO-(24-25) **Lab ID: 60349454007** Collected: 09/24/20 12:56 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.3	1	10/01/20 09:39	10/01/20 14:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	10061-02-6	
Ethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	87-68-3	
2-Hexanone	ND	ug/kg	13.2	1	10/01/20 09:39	10/01/20 14:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	99-87-6	
Methylene Chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:11	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	103-65-1	
Styrene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	79-34-5	
Tetrachloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	127-18-4	
Toluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	75-01-4	
Xylene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:11	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 14:11	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	10/01/20 09:39	10/01/20 14:11	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349454

Sample: DPT-25-SO-(24-25) **Lab ID: 60349454007** Collected: 09/24/20 12:56 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 14:11	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	0.33	1	10/01/20 09:39	10/01/20 14:11		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 14:11	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	10/01/20 09:39	10/01/20 14:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-123	1	10/01/20 09:39	10/01/20 14:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**13.2**	%	0.50	1		09/29/20 14:17		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 681150
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2753171 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/07/20 10:42	

LABORATORY CONTROL SAMPLE: 2753172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2753173 2753174

Parameter	Units	60349876001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.085	5	5	4.9	5.1	98	101	75-125	3	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679617
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2747874 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	10/01/20 09:57	

LABORATORY CONTROL SAMPLE: 2747875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747876 2747877

Parameter	Units	60349234004 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	4.7	4.6	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680546
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2751127
Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/06/20 10:43	

LABORATORY CONTROL SAMPLE: 2751128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2751129 2751130

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.49	0.49	0.51	0.57	104	117	75-125	11	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: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680742
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2752177
Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/07/20 09:51	
Barium	mg/kg	ND	0.50	10/07/20 09:51	
Cadmium	mg/kg	ND	0.50	10/07/20 09:51	
Chromium	mg/kg	ND	0.50	10/07/20 09:51	
Lead	mg/kg	ND	1.0	10/07/20 09:51	
Selenium	mg/kg	ND	1.5	10/07/20 09:51	
Silver	mg/kg	ND	0.70	10/07/20 09:51	

LABORATORY CONTROL SAMPLE: 2752178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	102	102	80-120	
Cadmium	mg/kg	100	102	102	80-120	
Chromium	mg/kg	100	105	105	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	101	101	80-120	
Silver	mg/kg	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752179 2752180

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	11.0	89	94.7	80.8	89.7	78	83	75-125	10	20	
Barium	mg/kg	168	89	94.7	283	274	130	113	75-125	3	20	M1
Cadmium	mg/kg	ND	89	94.7	73.2	81.0	82	85	75-125	10	20	
Chromium	mg/kg	26.0	89	94.7	104	116	88	95	75-125	10	20	
Lead	mg/kg	16.4	89	94.7	84.5	91.7	77	79	75-125	8	20	
Selenium	mg/kg	ND	89	94.7	70.5	77.8	79	82	75-125	10	20	
Silver	mg/kg	ND	44.5	47.3	38.6	42.5	86	89	75-125	10	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

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680798
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2752296
Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/06/20 16:10	
Barium	ug/L	ND	5.0	10/06/20 16:10	
Cadmium	ug/L	ND	5.0	10/06/20 16:10	
Chromium	ug/L	ND	5.0	10/06/20 16:10	
Lead	ug/L	ND	10.0	10/06/20 16:10	
Selenium	ug/L	ND	15.0	10/06/20 16:10	
Silver	ug/L	ND	7.0	10/06/20 16:10	

LABORATORY CONTROL SAMPLE: 2752297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	992	99	80-120	
Barium	ug/L	1000	968	97	80-120	
Cadmium	ug/L	1000	992	99	80-120	
Chromium	ug/L	1000	972	97	80-120	
Lead	ug/L	1000	1030	103	80-120	
Selenium	ug/L	1000	1000	100	80-120	
Silver	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752298 2752299

Parameter	Units	60349454003 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	981	988	98	99	75-125	1	20	
Barium	ug/L	ND	1000	1000	964	972	96	97	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	986	987	99	99	75-125	0	20	
Chromium	ug/L	ND	1000	1000	973	975	97	98	75-125	0	20	
Lead	ug/L	ND	1000	1000	1020	1030	102	103	75-125	1	20	
Selenium	ug/L	ND	1000	1000	991	992	99	99	75-125	0	20	
Silver	ug/L	ND	500	500	502	503	100	101	75-125	0	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680799
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2752300 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/06/20 11:02	
Barium, Dissolved	ug/L	ND	5.0	10/06/20 11:02	
Cadmium, Dissolved	ug/L	ND	5.0	10/06/20 11:02	
Chromium, Dissolved	ug/L	ND	5.0	10/06/20 11:02	
Lead, Dissolved	ug/L	ND	10.0	10/06/20 18:30	
Selenium, Dissolved	ug/L	ND	15.0	10/06/20 11:02	
Silver, Dissolved	ug/L	ND	7.0	10/06/20 11:02	

LABORATORY CONTROL SAMPLE: 2752301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	956	96	80-120	
Barium, Dissolved	ug/L	1000	954	95	80-120	
Cadmium, Dissolved	ug/L	1000	966	97	80-120	
Chromium, Dissolved	ug/L	1000	987	99	80-120	
Lead, Dissolved	ug/L	1000	1050	105	80-120	
Selenium, Dissolved	ug/L	1000	1010	101	80-120	
Silver, Dissolved	ug/L	500	480	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752302 2752303

Parameter	Units	60349295010 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	19.0	1000	1000	975	982	96	96	75-125	1	20	
Barium, Dissolved	ug/L	508	1000	1000	1440	1460	93	96	75-125	2	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	946	956	95	96	75-125	1	20	
Chromium, Dissolved	ug/L	ND	1000	1000	959	969	96	97	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	978	981	98	98	75-125	0	20	
Selenium, Dissolved	ug/L	ND	1000	1000	983	992	98	99	75-125	1	20	
Silver, Dissolved	ug/L	ND	500	500	475	479	95	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680121
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: 60349454001, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2749543
Matrix: Solid
Associated Lab Samples: 60349454001, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	10/01/20 10:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
2,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
2-Butanone (MEK)	ug/kg	ND	10.0	10/01/20 10:01	
2-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
2-Hexanone	ug/kg	ND	20.0	10/01/20 10:01	
4-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	10/01/20 10:01	
Acetone	ug/kg	ND	20.0	10/01/20 10:01	
Benzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromodichloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromoform	ug/kg	ND	5.0	10/01/20 10:01	
Bromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Carbon disulfide	ug/kg	ND	5.0	10/01/20 10:01	
Carbon tetrachloride	ug/kg	ND	5.0	10/01/20 10:01	
Chlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Chloroethane	ug/kg	ND	5.0	10/01/20 10:01	
Chloroform	ug/kg	ND	5.0	10/01/20 10:01	
Chloromethane	ug/kg	ND	5.0	10/01/20 10:01	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2749543 Matrix: Solid
Associated Lab Samples: 60349454001, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Dibromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Dibromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Ethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	10/01/20 10:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/01/20 10:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/01/20 10:01	
Methylene Chloride	ug/kg	ND	5.0	10/01/20 10:01	
n-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
n-Propylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Naphthalene	ug/kg	ND	10.0	10/01/20 10:01	
p-Isopropyltoluene	ug/kg	ND	5.0	10/01/20 10:01	
sec-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Styrene	ug/kg	ND	5.0	10/01/20 10:01	
tert-Butylbenzene	ug/kg	ND	25.0	10/01/20 10:01	
Tetrachloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Toluene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Trichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Trichlorofluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Vinyl chloride	ug/kg	ND	5.0	10/01/20 10:01	
Xylene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	78-118	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	85-115	10/01/20 10:01	
Toluene-d8 (S)	%	102	80-120	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	101	101	84-125	
1,1,1-Trichloroethane	ug/kg	100	96.2	96	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	89.5	90	76-121	
1,1,2-Trichloroethane	ug/kg	100	96.5	96	83-118	
1,1-Dichloroethane	ug/kg	100	101	101	74-120	
1,1-Dichloroethene	ug/kg	100	92.9	93	71-124	
1,1-Dichloropropene	ug/kg	100	84.0	84	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	100	100	81-123	
1,2,3-Trichloropropane	ug/kg	100	94.4	94	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	101	101	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	97.0	97	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	91.5	92	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	98.6	99	64-137	
1,2-Dichlorobenzene	ug/kg	100	97.5	97	83-119	
1,2-Dichloroethane	ug/kg	100	86.8	87	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	191	95	82-117	
1,2-Dichloropropane	ug/kg	100	91.8	92	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	98.4	98	81-122	
1,3-Dichlorobenzene	ug/kg	100	98.7	99	83-119	
1,3-Dichloropropane	ug/kg	100	94.7	95	83-118	
1,4-Dichlorobenzene	ug/kg	100	92.1	92	83-116	
2,2-Dichloropropane	ug/kg	100	95.8	96	76-124	
2-Butanone (MEK)	ug/kg	500	423	85	63-122	
2-Chlorotoluene	ug/kg	100	95.2	95	79-119	
2-Hexanone	ug/kg	500	443	89	68-122	
4-Chlorotoluene	ug/kg	100	97.3	97	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	439	88	63-128	
Acetone	ug/kg	500	404	81	55-124	
Benzene	ug/kg	100	90.3	90	67-126	
Bromobenzene	ug/kg	100	97.6	98	85-117	
Bromochloromethane	ug/kg	100	97.8	98	78-122	
Bromodichloromethane	ug/kg	100	96.7	97	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	70.6	71	20-168	
Carbon disulfide	ug/kg	100	100	100	60-133	
Carbon tetrachloride	ug/kg	100	104	104	79-128	
Chlorobenzene	ug/kg	100	98.4	98	84-118	
Chloroethane	ug/kg	100	74.9	75	53-139	
Chloroform	ug/kg	100	94.7	95	82-120	
Chloromethane	ug/kg	100	44.0	44	33-143	
cis-1,2-Dichloroethene	ug/kg	100	95.2	95	83-117	
cis-1,3-Dichloropropene	ug/kg	100	94.2	94	80-122	
Dibromochloromethane	ug/kg	100	107	107	82-128	
Dibromomethane	ug/kg	100	93.7	94	82-119	
Dichlorodifluoromethane	ug/kg	100	22.4	22	12-159	
Ethylbenzene	ug/kg	100	97.1	97	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	103	103	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	96.3	96	83-122	
Methyl-tert-butyl ether	ug/kg	100	89.4	89	58-137	
Methylene Chloride	ug/kg	100	88.8	89	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	99.2	99	82-122	
Naphthalene	ug/kg	100	102	102	60-136	
p-Isopropyltoluene	ug/kg	100	91.1	91	74-129	
sec-Butylbenzene	ug/kg	100	107	107	71-133	
Styrene	ug/kg	100	101	101	84-121	
tert-Butylbenzene	ug/kg	100	98.5	98	81-122	
Tetrachloroethene	ug/kg	100	105	105	78-130	
Toluene	ug/kg	100	95.6	96	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	95.6	96	78-118	
trans-1,3-Dichloropropene	ug/kg	100	100	100	81-123	
Trichloroethene	ug/kg	100	98.3	98	78-127	
Trichlorofluoromethane	ug/kg	100	89.8	90	64-133	
Vinyl chloride	ug/kg	100	57.6	58	45-139	
Xylene (Total)	ug/kg	300	290	97	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			96	85-115	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	101	97.8	81	78	13-133	3	39	
1,1,1-Trichloroethane	ug/kg	ND	124	125	95.0	98.2	76	79	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	124	125	90.5	88.0	73	70	10-139	3	49	
1,1,2-Trichloroethane	ug/kg	ND	124	125	100	94.2	81	75	10-145	6	41	
1,1-Dichloroethane	ug/kg	ND	124	125	97.9	102	78	81	24-125	4	31	
1,1-Dichloroethene	ug/kg	ND	124	125	80.8	83.9	65	67	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	124	125	86.6	89.6	70	72	29-116	3	30	
1,2,3-Trichlorobenzene	ug/kg	ND	124	125	73.7	70.3	59	56	10-115	5	40	
1,2,3-Trichloropropane	ug/kg	ND	124	125	94.9	91.1	76	73	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	124	125	76.9	72.6	62	58	10-115	6	44	
1,2,4-Trimethylbenzene	ug/kg	ND	124	125	90.5	87.4	73	70	10-123	3	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	124	125	87.4	84.6	70	68	10-136	3	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	124	125	101	96.6	81	77	24-149	4	29	
1,2-Dichlorobenzene	ug/kg	ND	124	125	86.2	80.9	69	65	10-123	6	41	
1,2-Dichloroethane	ug/kg	ND	124	125	88.1	84.7	71	68	23-140	4	29	
1,2-Dichloroethene (Total)	ug/kg	ND	248	250	188	187	76	75	30-119	0	32	
1,2-Dichloropropane	ug/kg	ND	124	125	93.6	89.9	75	72	13-132	4	33	
1,3,5-Trimethylbenzene	ug/kg	ND	124	125	92.4	90.9	74	73	10-124	2	40	
1,3-Dichlorobenzene	ug/kg	ND	124	125	89.0	84.0	72	67	10-122	6	42	
1,3-Dichloropropane	ug/kg	ND	124	125	96.9	93.0	78	74	10-135	4	36	
1,4-Dichlorobenzene	ug/kg	ND	124	125	85.1	79.8	68	64	10-120	6	38	
2,2-Dichloropropane	ug/kg	ND	124	125	92.1	94.7	74	76	22-135	3	31	
2-Butanone (MEK)	ug/kg	ND	622	625	435	427	70	68	12-127	2	37	
2-Chlorotoluene	ug/kg	ND	124	125	90.7	87.5	73	70	10-126	4	38	
2-Hexanone	ug/kg	ND	622	625	456	442	73	71	10-135	3	37	
4-Chlorotoluene	ug/kg	ND	124	125	91.5	88.5	74	71	10-129	3	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	622	625	448	434	72	69	10-129	3	36	
Acetone	ug/kg	ND	622	625	415	401	65	63	10-143	3	34	
Benzene	ug/kg	ND	124	125	90.5	90.0	73	72	37-135	1	24	
Bromobenzene	ug/kg	ND	124	125	95.4	89.8	77	72	10-134	6	45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	100	95.8	81	77	17-129	5	34	
Bromodichloromethane	ug/kg	ND	124	125	99.0	95.2	80	76	12-130	4	33	
Bromoform	ug/kg	ND	124	125	104	99.2	84	79	10-135	5	39	
Bromomethane	ug/kg	ND	124	125	61.6	59.6	49	47	10-124	3	41	
Carbon disulfide	ug/kg	ND	124	125	75.1	77.3	60	62	17-116	3	28	
Carbon tetrachloride	ug/kg	ND	124	125	98.8	103	79	83	29-127	5	35	
Chlorobenzene	ug/kg	ND	124	125	96.8	95.0	78	76	10-133	2	33	
Chloroethane	ug/kg	ND	124	125	62.4	62.9	50	50	25-116	1	33	
Chloroform	ug/kg	ND	124	125	96.5	95.3	78	76	20-130	1	30	
Chloromethane	ug/kg	ND	124	125	32.2	32.0	26	26	10-113	0	31	
cis-1,2-Dichloroethene	ug/kg	ND	124	125	95.2	93.7	76	75	22-126	2	31	
cis-1,3-Dichloropropene	ug/kg	ND	124	125	95.5	91.5	77	73	10-125	4	34	
Dibromochloromethane	ug/kg	ND	124	125	105	101	84	81	10-138	4	38	
Dibromomethane	ug/kg	ND	124	125	98.1	92.8	79	74	13-129	6	38	
Dichlorodifluoromethane	ug/kg	ND	124	125	16.1	16.2	13	13	10-114	1	33	
Ethylbenzene	ug/kg	ND	124	125	96.1	97.4	77	78	31-142	1	25	
Hexachloro-1,3-butadiene	ug/kg	ND	124	125	85.4	85.9	69	69	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	124	125	96.0	97.6	77	78	17-120	2	34	
Methyl-tert-butyl ether	ug/kg	ND	124	125	91.4	86.2	73	69	30-143	6	28	
Methylene Chloride	ug/kg	ND	124	125	89.7	85.0	69	65	24-121	5	33	
n-Butylbenzene	ug/kg	ND	124	125	91.6	92.2	74	74	10-121	1	36	
n-Propylbenzene	ug/kg	ND	124	125	94.3	94.7	76	76	12-125	0	37	
Naphthalene	ug/kg	ND	124	125	80.6	78.1	64	62	10-156	3	34	
p-Isopropyltoluene	ug/kg	ND	124	125	88.4	87.5	71	70	10-119	1	37	
sec-Butylbenzene	ug/kg	ND	124	125	96.8	97.9	78	78	10-127	1	40	
Styrene	ug/kg	ND	124	125	95.4	91.0	77	73	10-124	5	37	
tert-Butylbenzene	ug/kg	ND	124	125	95.2	94.4	77	76	10-126	1	37	
Tetrachloroethene	ug/kg	ND	124	125	104	106	83	85	15-133	2	36	
Toluene	ug/kg	ND	124	125	95.8	97.0	77	78	40-137	1	25	
trans-1,2-Dichloroethene	ug/kg	ND	124	125	92.8	93.7	75	75	22-129	1	34	
trans-1,3-Dichloropropene	ug/kg	ND	124	125	99.8	96.0	80	77	10-130	4	35	
Trichloroethene	ug/kg	ND	124	125	98.7	99.7	79	80	19-135	1	34	
Trichlorofluoromethane	ug/kg	ND	124	125	74.2	77.8	60	62	16-132	5	28	
Vinyl chloride	ug/kg	ND	124	125	42.8	44.0	34	35	14-116	3	28	
Xylene (Total)	ug/kg	ND	374	375	285	284	76	76	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						98	99	78-118			
4-Bromofluorobenzene (S)	%						97	96	85-115			
Toluene-d8 (S)	%						103	103	80-120			

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
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680235
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: 60349454004

METHOD BLANK: 2749864
Matrix: Solid
Associated Lab Samples: 60349454004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,1,1-Trichloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,1,2-Trichloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,1-Dichloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,1-Dichloroethene	ug/kg	ND	5.0	10/01/20 16:46	
1,1-Dichloropropene	ug/kg	ND	5.0	10/01/20 16:46	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,2,3-Trichloropropane	ug/kg	ND	5.0	10/01/20 16:46	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	10/01/20 16:46	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dichloroethane	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 16:46	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,3-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
1,3-Dichloropropane	ug/kg	ND	5.0	10/01/20 16:46	
1,4-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
2,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 16:46	
2-Butanone (MEK)	ug/kg	ND	10.0	10/01/20 16:46	
2-Chlorotoluene	ug/kg	ND	5.0	10/01/20 16:46	
2-Hexanone	ug/kg	ND	20.0	10/01/20 16:46	
4-Chlorotoluene	ug/kg	ND	5.0	10/01/20 16:46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	10/01/20 16:46	
Acetone	ug/kg	ND	20.0	10/01/20 16:46	
Benzene	ug/kg	ND	5.0	10/01/20 16:46	
Bromobenzene	ug/kg	ND	5.0	10/01/20 16:46	
Bromochloromethane	ug/kg	ND	5.0	10/01/20 16:46	
Bromodichloromethane	ug/kg	ND	5.0	10/01/20 16:46	
Bromoform	ug/kg	ND	5.0	10/01/20 16:46	
Bromomethane	ug/kg	ND	5.0	10/01/20 16:46	
Carbon disulfide	ug/kg	ND	5.0	10/01/20 16:46	
Carbon tetrachloride	ug/kg	ND	5.0	10/01/20 16:46	
Chlorobenzene	ug/kg	ND	5.0	10/01/20 16:46	
Chloroethane	ug/kg	ND	5.0	10/01/20 16:46	
Chloroform	ug/kg	ND	5.0	10/01/20 16:46	
Chloromethane	ug/kg	ND	5.0	10/01/20 16:46	

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Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2749864 Matrix: Solid
Associated Lab Samples: 60349454004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 16:46	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 16:46	
Dibromochloromethane	ug/kg	ND	5.0	10/01/20 16:46	
Dibromomethane	ug/kg	ND	5.0	10/01/20 16:46	
Dichlorodifluoromethane	ug/kg	ND	5.0	10/01/20 16:46	
Ethylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	10/01/20 16:46	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/01/20 16:46	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/01/20 16:46	
Methylene Chloride	ug/kg	ND	5.0	10/01/20 16:46	
n-Butylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
n-Propylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
Naphthalene	ug/kg	ND	10.0	10/01/20 16:46	
p-Isopropyltoluene	ug/kg	ND	5.0	10/01/20 16:46	
sec-Butylbenzene	ug/kg	ND	5.0	10/01/20 16:46	
Styrene	ug/kg	ND	5.0	10/01/20 16:46	
tert-Butylbenzene	ug/kg	ND	25.0	10/01/20 16:46	
Tetrachloroethene	ug/kg	ND	5.0	10/01/20 16:46	
Toluene	ug/kg	ND	5.0	10/01/20 16:46	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 16:46	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 16:46	
Trichloroethene	ug/kg	ND	5.0	10/01/20 16:46	
Trichlorofluoromethane	ug/kg	ND	5.0	10/01/20 16:46	
Vinyl chloride	ug/kg	ND	5.0	10/01/20 16:46	
Xylene (Total)	ug/kg	ND	5.0	10/01/20 16:46	
1,2-Dichloroethane-d4 (S)	%	95	78-118	10/01/20 16:46	
4-Bromofluorobenzene (S)	%	97	85-115	10/01/20 16:46	
Toluene-d8 (S)	%	103	80-120	10/01/20 16:46	

LABORATORY CONTROL SAMPLE: 2749865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	102	102	84-125	
1,1,1-Trichloroethane	ug/kg	100	94.3	94	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	91.4	91	76-121	
1,1,2-Trichloroethane	ug/kg	100	100	100	83-118	
1,1-Dichloroethane	ug/kg	100	83.6	84	74-120	
1,1-Dichloroethene	ug/kg	100	99.8	100	71-124	
1,1-Dichloropropene	ug/kg	100	82.7	83	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	99.8	100	81-123	
1,2,3-Trichloropropane	ug/kg	100	96.7	97	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	99.2	99	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	95.5	96	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	90.4	90	74-125	

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Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	103	103	64-137	
1,2-Dichlorobenzene	ug/kg	100	98.6	99	83-119	
1,2-Dichloroethane	ug/kg	100	88.6	89	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	199	100	82-117	
1,2-Dichloropropane	ug/kg	100	91.5	91	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	95.6	96	81-122	
1,3-Dichlorobenzene	ug/kg	100	98.8	99	83-119	
1,3-Dichloropropane	ug/kg	100	98.8	99	83-118	
1,4-Dichlorobenzene	ug/kg	100	92.3	92	83-116	
2,2-Dichloropropane	ug/kg	100	91.1	91	76-124	
2-Butanone (MEK)	ug/kg	500	433	87	63-122	
2-Chlorotoluene	ug/kg	100	94.3	94	79-119	
2-Hexanone	ug/kg	500	448	90	68-122	
4-Chlorotoluene	ug/kg	100	96.4	96	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	442	88	63-128	
Acetone	ug/kg	500	423	85	55-124	
Benzene	ug/kg	100	90.5	91	67-126	
Bromobenzene	ug/kg	100	99.8	100	85-117	
Bromochloromethane	ug/kg	100	104	104	78-122	
Bromodichloromethane	ug/kg	100	98.1	98	82-120	
Bromoform	ug/kg	100	109	109	77-133	
Bromomethane	ug/kg	100	85.0	85	20-168	
Carbon disulfide	ug/kg	100	115	115	60-133	
Carbon tetrachloride	ug/kg	100	100	100	79-128	
Chlorobenzene	ug/kg	100	98.2	98	84-118	
Chloroethane	ug/kg	100	90.3	90	53-139	
Chloroform	ug/kg	100	95.6	96	82-120	
Chloromethane	ug/kg	100	63.3	63	33-143	
cis-1,2-Dichloroethene	ug/kg	100	97.5	98	83-117	
cis-1,3-Dichloropropene	ug/kg	100	94.0	94	80-122	
Dibromochloromethane	ug/kg	100	110	110	82-128	
Dibromomethane	ug/kg	100	98.6	99	82-119	
Dichlorodifluoromethane	ug/kg	100	48.3	48	12-159	
Ethylbenzene	ug/kg	100	96.2	96	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	99.4	99	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	95.1	95	83-122	
Methyl-tert-butyl ether	ug/kg	100	94.5	94	58-137	
Methylene Chloride	ug/kg	100	96.7	97	68-125	
n-Butylbenzene	ug/kg	100	99.0	99	73-131	
n-Propylbenzene	ug/kg	100	96.6	97	82-122	
Naphthalene	ug/kg	100	102	102	60-136	
p-Isopropyltoluene	ug/kg	100	88.0	88	74-129	
sec-Butylbenzene	ug/kg	100	104	104	71-133	
Styrene	ug/kg	100	102	102	84-121	
tert-Butylbenzene	ug/kg	100	96.3	96	81-122	
Tetrachloroethene	ug/kg	100	103	103	78-130	
Toluene	ug/kg	100	94.8	95	80-118	

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	102	102	78-118	
trans-1,3-Dichloropropene	ug/kg	100	102	102	81-123	
Trichloroethene	ug/kg	100	99.2	99	78-127	
Trichlorofluoromethane	ug/kg	100	104	104	64-133	
Vinyl chloride	ug/kg	100	77.6	78	45-139	
Xylene (Total)	ug/kg	300	289	96	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			97	85-115	
Toluene-d8 (S)	%			104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749866 2749867

Parameter	Units	60349545029 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	119	120	60.3	60.3	51	50	13-133	0	39	
1,1,1-Trichloroethane	ug/kg	ND	119	120	74.4	76.2	62	64	30-131	2	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	119	120	51.0	50.0	43	42	10-139	2	49	
1,1,2-Trichloroethane	ug/kg	ND	119	120	63.0	61.9	53	52	10-145	2	41	
1,1-Dichloroethane	ug/kg	ND	119	120	72.8	74.9	61	63	24-125	3	31	
1,1-Dichloroethene	ug/kg	ND	119	120	66.5	68.0	56	57	34-118	2	30	
1,1-Dichloropropene	ug/kg	ND	119	120	67.4	69.4	57	58	29-116	3	30	
1,2,3-Trichlorobenzene	ug/kg	ND	119	120	17.8	17.5	15	15	10-115	2	40	
1,2,3-Trichloropropane	ug/kg	ND	119	120	57.6	56.3	48	47	10-150	2	46	
1,2,4-Trichlorobenzene	ug/kg	ND	119	120	19.8	18.6	17	16	10-115	6	44	
1,2,4-Trimethylbenzene	ug/kg	ND	119	120	44.5	45.4	37	38	10-123	2	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	119	120	50.5	48.0	42	40	10-136	5	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	119	120	61.4	61.5	51	51	24-149	0	29	
1,2-Dichlorobenzene	ug/kg	ND	119	120	35.0	34.2	29	29	10-123	2	41	
1,2-Dichloroethane	ug/kg	ND	119	120	59.7	59.9	50	50	23-140	0	29	
1,2-Dichloroethene (Total)	ug/kg	ND	239	240	140	141	59	59	30-119	1	32	
1,2-Dichloropropane	ug/kg	ND	119	120	64.5	64.0	54	53	13-132	1	33	
1,3,5-Trimethylbenzene	ug/kg	ND	119	120	47.7	49.4	40	41	10-124	3	40	
1,3-Dichlorobenzene	ug/kg	ND	119	120	38.6	37.8	32	32	10-122	2	42	
1,3-Dichloropropane	ug/kg	ND	119	120	62.3	61.9	52	52	10-135	1	36	
1,4-Dichlorobenzene	ug/kg	ND	119	120	36.6	35.7	31	30	10-120	3	38	
2,2-Dichloropropane	ug/kg	ND	119	120	71.3	73.1	60	61	22-135	2	31	
2-Butanone (MEK)	ug/kg	ND	596	599	340	314	57	52	12-127	8	37	
2-Chlorotoluene	ug/kg	ND	119	120	47.4	48.3	40	40	10-126	2	38	
2-Hexanone	ug/kg	ND	596	599	205	191	34	32	10-135	7	37	
4-Chlorotoluene	ug/kg	ND	119	120	45.3	45.6	38	38	10-129	1	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	596	599	271	258	45	43	10-129	5	36	
Acetone	ug/kg	ND	596	599	342	310	57	52	10-143	10	34	
Benzene	ug/kg	ND	119	120	65.8	66.4	55	55	37-135	1	24	
Bromobenzene	ug/kg	ND	119	120	48.6	48.3	41	40	10-134	1	45	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749866 2749867

Parameter	Units	60349545029 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	119	120	71.4	71.4	60	60	17-129	0	34	
Bromodichloromethane	ug/kg	ND	119	120	65.6	66.0	55	55	12-130	1	33	
Bromoform	ug/kg	ND	119	120	56.4	55.4	47	46	10-135	2	39	
Bromomethane	ug/kg	ND	119	120	35.7	35.2	30	29	10-124	1	41	
Carbon disulfide	ug/kg	ND	119	120	61.6	60.8	52	51	17-116	1	28	
Carbon tetrachloride	ug/kg	ND	119	120	76.4	79.8	64	67	29-127	4	35	
Chlorobenzene	ug/kg	ND	119	120	58.8	58.6	49	49	10-133	0	33	
Chloroethane	ug/kg	ND	119	120	51.5	49.9	43	42	25-116	3	33	
Chloroform	ug/kg	ND	119	120	70.8	71.3	59	60	20-130	1	30	
Chloromethane	ug/kg	ND	119	120	26.5	23.9	22	20	10-113	10	31	
cis-1,2-Dichloroethene	ug/kg	ND	119	120	69.5	69.4	58	58	22-126	0	31	
cis-1,3-Dichloropropene	ug/kg	ND	119	120	48.6	48.1	41	40	10-125	1	34	
Dibromochloromethane	ug/kg	ND	119	120	64.3	63.6	54	53	10-138	1	38	
Dibromomethane	ug/kg	ND	119	120	66.7	67.0	56	56	13-129	1	38	
Dichlorodifluoromethane	ug/kg	ND	119	120	16.5	13.3	14	11	10-114	21	33	
Ethylbenzene	ug/kg	ND	119	120	61.6	62.9	52	53	31-142	2	25	
Hexachloro-1,3-butadiene	ug/kg	ND	119	120	25.9	29.3	22	24	10-124	12	41	
Isopropylbenzene (Cumene)	ug/kg	ND	119	120	57.2	59.9	48	50	17-120	5	34	
Methyl-tert-butyl ether	ug/kg	ND	119	120	56.9	57.6	48	48	30-143	1	28	
Methylene Chloride	ug/kg	ND	119	120	64.3	63.9	51	50	24-121	1	33	
n-Butylbenzene	ug/kg	ND	119	120	37.7	40.2	32	34	10-121	6	36	
n-Propylbenzene	ug/kg	ND	119	120	52.8	54.6	44	46	12-125	3	37	
Naphthalene	ug/kg	ND	119	120	27.9	26.9	23	22	10-156	4	34	
p-Isopropyltoluene	ug/kg	ND	119	120	38.9	41.3	33	34	10-119	6	37	
sec-Butylbenzene	ug/kg	ND	119	120	48.8	52.9	41	44	10-127	8	40	
Styrene	ug/kg	ND	119	120	51.2	50.6	43	42	10-124	1	37	
tert-Butylbenzene	ug/kg	ND	119	120	49.9	53.2	42	44	10-126	7	37	
Tetrachloroethene	ug/kg	ND	119	120	69.9	72.9	59	61	15-133	4	36	
Toluene	ug/kg	ND	119	120	65.7	66.4	55	55	40-137	1	25	
trans-1,2-Dichloroethene	ug/kg	ND	119	120	70.4	71.9	59	60	22-129	2	34	
trans-1,3-Dichloropropene	ug/kg	ND	119	120	52.5	53.1	44	44	10-130	1	35	
Trichloroethene	ug/kg	ND	119	120	74.1	74.4	62	62	19-135	0	34	
Trichlorofluoromethane	ug/kg	ND	119	120	63.9	63.7	54	53	16-132	0	28	
Vinyl chloride	ug/kg	ND	119	120	38.4	35.1	32	29	14-116	9	28	
Xylene (Total)	ug/kg	ND	357	359	175	179	49	50	19-153	2	27	
1,2-Dichloroethane-d4 (S)	%						101	101	78-118			
4-Bromofluorobenzene (S)	%						97	97	85-115			
Toluene-d8 (S)	%						103	102	80-120			

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

QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680236
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: 60349454002

METHOD BLANK: 2749869
Matrix: Solid
Associated Lab Samples: 60349454002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	10/01/20 19:05	
1,1,1-Trichloroethane	ug/kg	ND	250	10/01/20 19:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	10/01/20 19:05	
1,1,2-Trichloroethane	ug/kg	ND	250	10/01/20 19:05	
1,1-Dichloroethane	ug/kg	ND	250	10/01/20 19:05	
1,1-Dichloroethene	ug/kg	ND	250	10/01/20 19:05	
1,1-Dichloropropene	ug/kg	ND	250	10/01/20 19:05	
1,2,3-Trichlorobenzene	ug/kg	ND	250	10/01/20 19:05	
1,2,3-Trichloropropane	ug/kg	ND	250	10/01/20 19:05	
1,2,4-Trichlorobenzene	ug/kg	ND	250	10/01/20 19:05	
1,2,4-Trimethylbenzene	ug/kg	ND	250	10/01/20 19:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	10/01/20 19:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	250	10/01/20 19:05	
1,2-Dichlorobenzene	ug/kg	ND	250	10/01/20 19:05	
1,2-Dichloroethane	ug/kg	ND	250	10/01/20 19:05	
1,2-Dichloroethene (Total)	ug/kg	ND	250	10/01/20 19:05	
1,2-Dichloropropane	ug/kg	ND	250	10/01/20 19:05	
1,3,5-Trimethylbenzene	ug/kg	ND	250	10/01/20 19:05	
1,3-Dichlorobenzene	ug/kg	ND	250	10/01/20 19:05	
1,3-Dichloropropane	ug/kg	ND	250	10/01/20 19:05	
1,4-Dichlorobenzene	ug/kg	ND	250	10/01/20 19:05	
2,2-Dichloropropane	ug/kg	ND	250	10/01/20 19:05	
2-Butanone (MEK)	ug/kg	ND	500	10/01/20 19:05	
2-Chlorotoluene	ug/kg	ND	250	10/01/20 19:05	
2-Hexanone	ug/kg	ND	1000	10/01/20 19:05	
4-Chlorotoluene	ug/kg	ND	250	10/01/20 19:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	10/01/20 19:05	
Acetone	ug/kg	ND	1000	10/01/20 19:05	
Benzene	ug/kg	ND	250	10/01/20 19:05	
Bromobenzene	ug/kg	ND	250	10/01/20 19:05	
Bromochloromethane	ug/kg	ND	250	10/01/20 19:05	
Bromodichloromethane	ug/kg	ND	250	10/01/20 19:05	
Bromoform	ug/kg	ND	250	10/01/20 19:05	
Bromomethane	ug/kg	ND	250	10/01/20 19:05	
Carbon disulfide	ug/kg	ND	250	10/01/20 19:05	
Carbon tetrachloride	ug/kg	ND	250	10/01/20 19:05	
Chlorobenzene	ug/kg	ND	250	10/01/20 19:05	
Chloroethane	ug/kg	ND	250	10/01/20 19:05	
Chloroform	ug/kg	ND	250	10/01/20 19:05	
Chloromethane	ug/kg	ND	250	10/01/20 19:05	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2749869 Matrix: Solid
Associated Lab Samples: 60349454002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	250	10/01/20 19:05	
cis-1,3-Dichloropropene	ug/kg	ND	250	10/01/20 19:05	
Dibromochloromethane	ug/kg	ND	250	10/01/20 19:05	
Dibromomethane	ug/kg	ND	250	10/01/20 19:05	
Dichlorodifluoromethane	ug/kg	ND	250	10/01/20 19:05	
Ethylbenzene	ug/kg	ND	250	10/01/20 19:05	
Hexachloro-1,3-butadiene	ug/kg	ND	250	10/01/20 19:05	
Isopropylbenzene (Cumene)	ug/kg	ND	250	10/01/20 19:05	
Methyl-tert-butyl ether	ug/kg	ND	250	10/01/20 19:05	
Methylene Chloride	ug/kg	ND	250	10/01/20 19:05	
n-Butylbenzene	ug/kg	ND	250	10/01/20 19:05	
n-Propylbenzene	ug/kg	ND	250	10/01/20 19:05	
Naphthalene	ug/kg	ND	500	10/01/20 19:05	
p-Isopropyltoluene	ug/kg	ND	250	10/01/20 19:05	
sec-Butylbenzene	ug/kg	ND	250	10/01/20 19:05	
Styrene	ug/kg	ND	250	10/01/20 19:05	
tert-Butylbenzene	ug/kg	ND	1250	10/01/20 19:05	
Tetrachloroethene	ug/kg	ND	250	10/01/20 19:05	
Toluene	ug/kg	ND	250	10/01/20 19:05	
trans-1,2-Dichloroethene	ug/kg	ND	250	10/01/20 19:05	
trans-1,3-Dichloropropene	ug/kg	ND	250	10/01/20 19:05	
Trichloroethene	ug/kg	ND	250	10/01/20 19:05	
Trichlorofluoromethane	ug/kg	ND	250	10/01/20 19:05	
Vinyl chloride	ug/kg	ND	250	10/01/20 19:05	
Xylene (Total)	ug/kg	ND	250	10/01/20 19:05	
1,2-Dichloroethane-d4 (S)	%	94	78-118	10/01/20 19:05	
4-Bromofluorobenzene (S)	%	98	83-119	10/01/20 19:05	
Toluene-d8 (S)	%	103	80-120	10/01/20 19:05	

LABORATORY CONTROL SAMPLE: 2749870

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	5000	5480	110	80-119	
1,1,1-Trichloroethane	ug/kg	5000	4870	97	77-121	
1,1,2,2-Tetrachloroethane	ug/kg	5000	4810	96	74-116	
1,1,2-Trichloroethane	ug/kg	5000	5340	107	76-115	
1,1-Dichloroethane	ug/kg	5000	4860	97	77-120	
1,1-Dichloroethene	ug/kg	5000	5090	102	66-129	
1,1-Dichloropropene	ug/kg	5000	4290	86	79-121	
1,2,3-Trichlorobenzene	ug/kg	5000	5170	103	80-120	
1,2,3-Trichloropropane	ug/kg	5000	5000	100	74-118	
1,2,4-Trichlorobenzene	ug/kg	5000	5100	102	75-120	
1,2,4-Trimethylbenzene	ug/kg	5000	5020	100	77-116	
1,2-Dibromo-3-chloropropane	ug/kg	5000	4740	95	74-121	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749870

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	5000	5500	110	80-117	
1,2-Dichlorobenzene	ug/kg	5000	5210	104	48-146	
1,2-Dichloroethane	ug/kg	5000	4730	95	74-110	
1,2-Dichloroethene (Total)	ug/kg	10000	10300	103	79-120	
1,2-Dichloropropane	ug/kg	5000	4950	99	79-115	
1,3,5-Trimethylbenzene	ug/kg	5000	5020	100	76-115	
1,3-Dichlorobenzene	ug/kg	5000	5190	104	76-115	
1,3-Dichloropropane	ug/kg	5000	5230	105	75-111	
1,4-Dichlorobenzene	ug/kg	5000	4850	97	73-119	
2,2-Dichloropropane	ug/kg	5000	4670	93	76-121	
2-Butanone (MEK)	ug/kg	25000	22400	90	70-116	
2-Chlorotoluene	ug/kg	5000	4980	100	78-117	
2-Hexanone	ug/kg	25000	23400	93	71-117	
4-Chlorotoluene	ug/kg	5000	5090	102	77-115	
4-Methyl-2-pentanone (MIBK)	ug/kg	25000	23100	92	73-116	
Acetone	ug/kg	25000	21700	87	60-125	
Benzene	ug/kg	5000	4830	97	73-117	
Bromobenzene	ug/kg	5000	5280	106	79-115	
Bromochloromethane	ug/kg	5000	5480	110	76-116	
Bromodichloromethane	ug/kg	5000	5270	105	80-120	
Bromoform	ug/kg	5000	5810	116	77-127	
Bromomethane	ug/kg	5000	4750	95	29-165	
Carbon disulfide	ug/kg	5000	5770	115	54-133	
Carbon tetrachloride	ug/kg	5000	5220	104	78-126	
Chlorobenzene	ug/kg	5000	5250	105	63-130	
Chloroethane	ug/kg	5000	4530	91	31-170	
Chloroform	ug/kg	5000	5110	102	80-118	
Chloromethane	ug/kg	5000	3200	64	10-168	
cis-1,2-Dichloroethene	ug/kg	5000	5150	103	80-117	
cis-1,3-Dichloropropene	ug/kg	5000	5010	100	80-120	
Dibromochloromethane	ug/kg	5000	5880	118	78-122	
Dibromomethane	ug/kg	5000	5220	104	78-119	
Dichlorodifluoromethane	ug/kg	5000	2290	46	10-206	
Ethylbenzene	ug/kg	5000	5020	100	73-121	
Hexachloro-1,3-butadiene	ug/kg	5000	4960	99	75-129	
Isopropylbenzene (Cumene)	ug/kg	5000	4950	99	74-115	
Methyl-tert-butyl ether	ug/kg	5000	4890	98	73-129	
Methylene Chloride	ug/kg	5000	5020	100	70-128	
n-Butylbenzene	ug/kg	5000	5050	101	78-123	
n-Propylbenzene	ug/kg	5000	4990	100	77-120	
Naphthalene	ug/kg	5000	5320	106	76-120	
p-Isopropyltoluene	ug/kg	5000	4540	91	78-117	
sec-Butylbenzene	ug/kg	5000	5370	107	83-126	
Styrene	ug/kg	5000	5440	109	80-117	
tert-Butylbenzene	ug/kg	5000	4990	100	79-117	
Tetrachloroethene	ug/kg	5000	5360	107	72-122	
Toluene	ug/kg	5000	5030	101	77-119	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2749870

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	5000	5190	104	75-123	
trans-1,3-Dichloropropene	ug/kg	5000	5400	108	79-124	
Trichloroethene	ug/kg	5000	5140	103	82-128	
Trichlorofluoromethane	ug/kg	5000	5140	103	56-129	
Vinyl chloride	ug/kg	5000	3880	78	36-176	
Xylene (Total)	ug/kg	15000	15300	102	76-119	
1,2-Dichloroethane-d4 (S)	%			93	78-118	
4-Bromofluorobenzene (S)	%			95	83-119	
Toluene-d8 (S)	%			104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749871 2749872

Parameter	Units	60348959001 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	7860	7860	7130	7740	91	98	12-128	8	59	
1,1,1-Trichloroethane	ug/kg	ND	7860	7860	6040	6680	77	85	15-131	10	75	
1,1,2,2-Tetrachloroethane	ug/kg	ND	7860	7860	9610	10400	122	132	10-132	8	65	
1,1,2-Trichloroethane	ug/kg	ND	7860	7860	7490	8040	95	102	14-132	7	54	
1,1-Dichloroethane	ug/kg	ND	7860	7860	6460	7180	82	91	23-126	10	64	
1,1-Dichloroethene	ug/kg	ND	7860	7860	5080	5540	65	71	20-129	9	80	
1,1-Dichloropropene	ug/kg	ND	7860	7860	5660	6180	72	79	15-127	9	78	
1,2,3-Trichlorobenzene	ug/kg	ND	7860	7860	7110	7850	90	100	10-124	10	67	
1,2,3-Trichloropropane	ug/kg	ND	7860	7860	9620	9960	122	127	19-125	4	51	M1
1,2,4-Trichlorobenzene	ug/kg	ND	7860	7860	7180	7590	91	97	10-129	6	73	
1,2,4-Trimethylbenzene	ug/kg	ND	7860	7860	6820	7390	87	94	10-124	8	68	
1,2-Dibromo-3-chloropropane	ug/kg	ND	7860	7860	6930	7600	88	97	10-135	9	56	
1,2-Dibromoethane (EDB)	ug/kg	ND	7860	7860	7500	8130	95	103	23-123	8	50	
1,2-Dichlorobenzene	ug/kg	ND	7860	7860	7190	7820	91	100	10-126	8	60	
1,2-Dichloroethane	ug/kg	ND	7860	7860	6330	7010	80	89	27-116	10	45	
1,2-Dichloroethene (Total)	ug/kg	ND	15700	15700	12400	13700	79	87	20-127	9	64	
1,2-Dichloropropane	ug/kg	ND	7860	7860	6610	7290	84	93	21-125	10	57	
1,3,5-Trimethylbenzene	ug/kg	ND	7860	7860	6810	7390	87	94	10-125	8	65	
1,3-Dichlorobenzene	ug/kg	ND	7860	7860	6970	7490	89	95	10-126	7	63	
1,3-Dichloropropane	ug/kg	ND	7860	7860	7120	7720	91	98	24-114	8	51	
1,4-Dichlorobenzene	ug/kg	ND	7860	7860	6740	7280	86	93	10-126	8	62	
2,2-Dichloropropane	ug/kg	ND	7860	7860	5700	6310	73	80	17-124	10	70	
2-Butanone (MEK)	ug/kg	ND	39400	39400	31200	35300	79	90	29-120	12	50	
2-Chlorotoluene	ug/kg	ND	7860	7860	6570	7180	84	91	10-138	9	70	
2-Hexanone	ug/kg	ND	39400	39400	32700	36400	83	93	25-121	11	51	
4-Chlorotoluene	ug/kg	ND	7860	7860	6760	7380	86	94	10-112	9	62	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	39400	39400	32000	36200	81	92	23-131	13	50	
Acetone	ug/kg	ND	39400	39400	29600	32300	75	81	15-129	9	49	
Benzene	ug/kg	ND	7860	7860	6240	6780	79	86	17-134	8	53	
Bromobenzene	ug/kg	ND	7860	7860	7120	7760	91	99	10-129	9	63	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749871 2749872

Parameter	Units	60348959001 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	7860	7860	7200	7790	92	99	28-118	8	53	
Bromodichloromethane	ug/kg	ND	7860	7860	6930	7590	88	97	21-126	9	59	
Bromoform	ug/kg	ND	7860	7860	7440	8270	95	105	14-127	10	60	
Bromomethane	ug/kg	ND	7860	7860	2100	2190	26	27	10-121	4	67	
Carbon disulfide	ug/kg	ND	7860	7860	4670	5090	59	65	10-122	9	78	
Carbon tetrachloride	ug/kg	ND	7860	7860	6100	6680	78	85	10-134	9	82	
Chlorobenzene	ug/kg	ND	7860	7860	7180	7720	91	98	10-126	7	60	
Chloroethane	ug/kg	ND	7860	7860	1400	1490	18	19	10-133	6	79	
Chloroform	ug/kg	ND	7860	7860	6690	7320	85	93	24-126	9	60	
Chloromethane	ug/kg	ND	7860	7860	1890	2020	24	26	10-125	7	78	
cis-1,2-Dichloroethene	ug/kg	ND	7860	7860	6560	7200	83	92	18-131	9	62	
cis-1,3-Dichloropropene	ug/kg	ND	7860	7860	6620	7350	84	94	24-117	10	60	
Dibromochloromethane	ug/kg	ND	7860	7860	7480	8110	95	103	22-117	8	59	
Dibromomethane	ug/kg	ND	7860	7860	7090	7760	90	99	29-118	9	52	
Dichlorodifluoromethane	ug/kg	ND	7860	7860	844	909	11	12	10-161	7	84	
Ethylbenzene	ug/kg	ND	7860	7860	6910	7410	88	94	10-137	7	60	
Hexachloro-1,3-butadiene	ug/kg	ND	7860	7860	7130	7690	91	98	10-124	8	76	
Isopropylbenzene (Cumene)	ug/kg	ND	7860	7860	6980	7500	89	95	10-123	7	72	
Methyl-tert-butyl ether	ug/kg	ND	7860	7860	6140	6960	78	88	31-126	12	42	
Methylene Chloride	ug/kg	ND	7860	7860	6050	6730	73	82	23-117	11	59	
n-Butylbenzene	ug/kg	ND	7860	7860	7160	7740	89	97	10-130	8	78	
n-Propylbenzene	ug/kg	ND	7860	7860	6570	7170	84	91	10-121	9	70	
Naphthalene	ug/kg	ND	7860	7860	7530	8240	96	105	10-131	9	63	
p-Isopropyltoluene	ug/kg	ND	7860	7860	6470	7040	82	90	10-127	8	76	
sec-Butylbenzene	ug/kg	533	7860	7860	7630	8260	90	98	10-137	8	81	
Styrene	ug/kg	ND	7860	7860	7320	7990	93	102	10-119	9	56	
tert-Butylbenzene	ug/kg	ND	7860	7860	6830	7420	86	93	10-121	8	80	
Tetrachloroethene	ug/kg	ND	7860	7860	7000	7430	89	94	10-131	6	78	
Toluene	ug/kg	ND	7860	7860	6630	7160	84	91	13-131	8	60	
trans-1,2-Dichloroethene	ug/kg	ND	7860	7860	5880	6460	75	82	22-125	9	70	
trans-1,3-Dichloropropene	ug/kg	ND	7860	7860	7070	7670	90	98	20-122	8	54	
Trichloroethene	ug/kg	ND	7860	7860	6700	7290	85	93	14-144	8	69	
Trichlorofluoromethane	ug/kg	ND	7860	7860	4790	5280	61	67	10-134	10	86	
Vinyl chloride	ug/kg	ND	7860	7860	2170	2390	28	30	10-141	10	81	
Xylene (Total)	ug/kg	ND	23600	23600	20700	22500	88	95	10-137	8	58	
1,2-Dichloroethane-d4 (S)	%						95	95	78-118			
4-Bromofluorobenzene (S)	%						96	95	83-119			
Toluene-d8 (S)	%						105	101	80-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680237
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: 60349454002

METHOD BLANK: 2749873
Matrix: Solid
Associated Lab Samples: 60349454002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	25.0	10/01/20 19:05	
1,2-Dichloroethane-d4 (S)	%	94	78-118	10/01/20 19:05	
4-Bromofluorobenzene (S)	%	98	85-115	10/01/20 19:05	
Toluene-d8 (S)	%	103	80-120	10/01/20 19:05	

LABORATORY CONTROL SAMPLE: 2749874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	200	144	72	55-162	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			99	85-115	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679382
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: 60349454003

METHOD BLANK: 2747154
Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/29/20 03:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/29/20 03:31	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,3-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
2,2-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
2-Butanone (MEK)	ug/L	ND	10.0	09/29/20 03:31	
2-Chlorotoluene	ug/L	ND	1.0	09/29/20 03:31	
2-Hexanone	ug/L	ND	10.0	09/29/20 03:31	
4-Chlorotoluene	ug/L	ND	1.0	09/29/20 03:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/29/20 03:31	
Acetone	ug/L	ND	10.0	09/29/20 03:31	
Benzene	ug/L	ND	1.0	09/29/20 03:31	
Bromobenzene	ug/L	ND	1.0	09/29/20 03:31	
Bromochloromethane	ug/L	ND	1.0	09/29/20 03:31	
Bromodichloromethane	ug/L	ND	1.0	09/29/20 03:31	
Bromoform	ug/L	ND	1.0	09/29/20 03:31	
Bromomethane	ug/L	ND	5.0	09/29/20 03:31	
Carbon disulfide	ug/L	ND	5.0	09/29/20 03:31	
Carbon tetrachloride	ug/L	ND	1.0	09/29/20 03:31	
Chlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
Chloroethane	ug/L	ND	1.0	09/29/20 03:31	
Chloroform	ug/L	ND	1.0	09/29/20 03:31	
Chloromethane	ug/L	ND	1.0	09/29/20 03:31	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2747154 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
Dibromochloromethane	ug/L	ND	1.0	09/29/20 03:31	
Dibromomethane	ug/L	ND	1.0	09/29/20 03:31	
Dichlorodifluoromethane	ug/L	ND	1.0	09/29/20 03:31	
Ethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/29/20 03:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/29/20 03:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/29/20 03:31	
Methylene Chloride	ug/L	ND	1.0	09/29/20 03:31	
n-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
n-Propylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Naphthalene	ug/L	ND	10.0	09/29/20 03:31	
p-Isopropyltoluene	ug/L	ND	1.0	09/29/20 03:31	
sec-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Styrene	ug/L	ND	1.0	09/29/20 03:31	
tert-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Tetrachloroethene	ug/L	ND	1.0	09/29/20 03:31	
Toluene	ug/L	ND	1.0	09/29/20 03:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
Trichloroethene	ug/L	ND	1.0	09/29/20 03:31	
Trichlorofluoromethane	ug/L	ND	1.0	09/29/20 03:31	
Vinyl chloride	ug/L	ND	1.0	09/29/20 03:31	
Xylene (Total)	ug/L	ND	3.0	09/29/20 03:31	
1,2-Dichloroethane-d4 (S)	%	98	86-117	09/29/20 03:31	
4-Bromofluorobenzene (S)	%	100	80-120	09/29/20 03:31	
Toluene-d8 (S)	%	102	80-120	09/29/20 03:31	

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.8	99	85-118	
1,1,1-Trichloroethane	ug/L	20	20.2	101	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	16.8	84	78-118	
1,1,2-Trichloroethane	ug/L	20	20.9	105	82-117	
1,1-Dichloroethane	ug/L	20	20.4	102	85-120	
1,1-Dichloroethene	ug/L	20	19.2	96	81-124	
1,1-Dichloropropene	ug/L	20	18.7	94	71-119	
1,2,3-Trichlorobenzene	ug/L	20	20.0	100	76-120	
1,2,3-Trichloropropane	ug/L	20	20.6	103	78-123	
1,2,4-Trichlorobenzene	ug/L	20	19.7	98	77-117	
1,2,4-Trimethylbenzene	ug/L	20	20.4	102	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.9	95	68-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.5	102	83-120	
1,2-Dichlorobenzene	ug/L	20	20.9	105	80-120	
1,2-Dichloroethane	ug/L	20	19.1	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	38.8	97	84-118	
1,2-Dichloropropane	ug/L	20	20.2	101	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.7	103	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	100	80-120	
1,3-Dichloropropane	ug/L	20	20.3	102	85-120	
1,4-Dichlorobenzene	ug/L	20	20.1	100	84-115	
2,2-Dichloropropane	ug/L	20	13.8	69	60-129	
2-Butanone (MEK)	ug/L	100	99.0	99	70-125	
2-Chlorotoluene	ug/L	20	21.4	107	84-115	
2-Hexanone	ug/L	100	99.0	99	76-126	
4-Chlorotoluene	ug/L	20	21.0	105	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	73-131	
Acetone	ug/L	100	91.9	92	59-135	
Benzene	ug/L	20	19.7	99	82-115	
Bromobenzene	ug/L	20	21.1	105	84-115	
Bromochloromethane	ug/L	20	19.8	99	85-125	
Bromodichloromethane	ug/L	20	19.8	99	82-123	
Bromoform	ug/L	20	19.5	98	66-133	
Bromomethane	ug/L	20	21.9	110	27-179	
Carbon disulfide	ug/L	20	22.8	114	72-134	
Carbon tetrachloride	ug/L	20	20.1	100	80-121	
Chlorobenzene	ug/L	20	20.6	103	80-120	
Chloroethane	ug/L	20	20.4	102	78-145	
Chloroform	ug/L	20	20.6	103	84-116	
Chloromethane	ug/L	20	20.0	100	48-160	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	85-115	
cis-1,3-Dichloropropene	ug/L	20	18.8	94	85-117	
Dibromochloromethane	ug/L	20	19.8	99	82-122	
Dibromomethane	ug/L	20	19.9	99	81-122	
Dichlorodifluoromethane	ug/L	20	8.3	42	50-173	L2
Ethylbenzene	ug/L	20	19.9	100	79-115	
Hexachloro-1,3-butadiene	ug/L	20	19.4	97	75-120	
Isopropylbenzene (Cumene)	ug/L	20	19.8	99	84-117	
Methyl-tert-butyl ether	ug/L	20	19.8	99	77-126	
Methylene Chloride	ug/L	20	19.5	97	80-126	
n-Butylbenzene	ug/L	20	20.5	103	81-120	
n-Propylbenzene	ug/L	20	20.8	104	80-116	
Naphthalene	ug/L	20	20.5	102	73-126	
p-Isopropyltoluene	ug/L	20	18.4	92	74-121	
sec-Butylbenzene	ug/L	20	22.2	111	75-130	
Styrene	ug/L	20	20.9	105	80-117	
tert-Butylbenzene	ug/L	20	21.0	105	84-116	
Tetrachloroethene	ug/L	20	20.6	103	83-119	
Toluene	ug/L	20	20.4	102	83-115	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	19.7	99	80-124	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	83-117	
Trichloroethene	ug/L	20	23.3	117	80-118	
Trichlorofluoromethane	ug/L	20	19.8	99	83-133	
Vinyl chloride	ug/L	20	16.1	81	76-144	
Xylene (Total)	ug/L	60	62.1	103	82-120	
1,2-Dichloroethane-d4 (S)	%			100	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680451
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: 60349454003

METHOD BLANK: 2750713
Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	10/02/20 09:59	
1,2-Dichloroethane-d4 (S)	%	100	86-117	10/02/20 09:59	
4-Bromofluorobenzene (S)	%	93	80-120	10/02/20 09:59	
Toluene-d8 (S)	%	101	80-120	10/02/20 09:59	

LABORATORY CONTROL SAMPLE: 2750714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3640	91	55-125	
1,2-Dichloroethane-d4 (S)	%			105	86-117	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750715 2750716

Parameter	Units	60349989004 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)	%						99	102	86-117			
4-Bromofluorobenzene (S)	%						98	96	80-120			
Toluene-d8 (S)	%						100	101	80-120			
Preservation pH		1.0			1.0	1.0				0	0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680122
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: 60349454001, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2749547 Matrix: Solid
Associated Lab Samples: 60349454001, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	80-123	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	69-133	10/01/20 10:01	
Toluene-d8 (S)	%	102	78-122	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.1	79	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679802
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005

METHOD BLANK: 2748474 Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.7	10/02/20 11:45	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.7	10/02/20 11:45	
Decachlorobiphenyl (S)	%	91	28-143	10/02/20 11:45	

LABORATORY CONTROL SAMPLE: 2748475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	158	144	91	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	158	150	95	56-128	
Decachlorobiphenyl (S)	%			93	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2748476 2748477

Parameter	Units	60349351002 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	195	245	169	222	87	91	38-131	27	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	195	245	177	233	91	95	30-141	27	40	
Decachlorobiphenyl (S)	%						84	91	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680303
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454006, 60349454007

METHOD BLANK: 2750057 Matrix: Solid
Associated Lab Samples: 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB, Total	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.1	10/02/20 21:17	
Decachlorobiphenyl (S)	%	89	28-143	10/02/20 21:17	

LABORATORY CONTROL SAMPLE: 2750058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	145	89	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	151	92	56-128	
Decachlorobiphenyl (S)	%			89	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750059 2750060

Parameter	Units	60349454006 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	181	187	160	159	88	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	181	187	168	166	93	89	30-141	1	40	
Decachlorobiphenyl (S)	%						91	87	28-143			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680394
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2750572 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	10/02/20 14:24	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	10/02/20 14:24	
Decachlorobiphenyl (S)	%	72	30-136	10/02/20 14:24	

LABORATORY CONTROL SAMPLE: 2750573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.6	92	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	94	64-123	
Decachlorobiphenyl (S)	%			73	30-136	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679541
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2747554
Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,2-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,3-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,4-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
2,4,5-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dimethylphenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dinitrophenol	ug/kg	ND	1610	10/06/20 09:10	
2,4-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2,6-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2-Chloronaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Chlorophenol	ug/kg	ND	318	10/06/20 09:10	
2-Methylnaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Methylphenol(o-Cresol)	ug/kg	ND	318	10/06/20 09:10	
2-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
2-Nitrophenol	ug/kg	ND	318	10/06/20 09:10	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	318	10/06/20 09:10	
3,3'-Dichlorobenzidine	ug/kg	ND	637	10/06/20 09:10	
3-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1610	10/06/20 09:10	
4-Bromophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Chloro-3-methylphenol	ug/kg	ND	637	10/06/20 09:10	
4-Chloroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Chlorophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Nitrophenol	ug/kg	ND	1610	10/06/20 09:10	
Acenaphthene	ug/kg	ND	318	10/06/20 09:10	
Acenaphthylene	ug/kg	ND	318	10/06/20 09:10	
Anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)pyrene	ug/kg	ND	318	10/06/20 09:10	
Benzo(b)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzo(g,h,i)perylene	ug/kg	ND	318	10/06/20 09:10	
Benzo(k)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzoic Acid	ug/kg	ND	1610	10/06/20 09:10	
Benzyl alcohol	ug/kg	ND	637	10/06/20 09:10	
bis(2-Chloroethoxy)methane	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroethyl) ether	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroisopropyl) ether	ug/kg	ND	318	10/06/20 09:10	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2747554 Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	318	10/06/20 09:10	
Butylbenzylphthalate	ug/kg	ND	318	10/06/20 09:10	
Carbazole	ug/kg	ND	318	10/06/20 09:10	
Chrysene	ug/kg	ND	318	10/06/20 09:10	
Di-n-butylphthalate	ug/kg	ND	318	10/06/20 09:10	
Di-n-octylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dibenz(a,h)anthracene	ug/kg	ND	318	10/06/20 09:10	
Dibenzofuran	ug/kg	ND	318	10/06/20 09:10	
Diethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dimethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Fluorene	ug/kg	ND	318	10/06/20 09:10	
Hexachloro-1,3-butadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorobenzene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorocyclopentadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachloroethane	ug/kg	ND	318	10/06/20 09:10	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	318	10/06/20 09:10	
Isophorone	ug/kg	ND	318	10/06/20 09:10	
N-Nitroso-di-n-propylamine	ug/kg	ND	318	10/06/20 09:10	
N-Nitrosodiphenylamine	ug/kg	ND	318	10/06/20 09:10	
Naphthalene	ug/kg	ND	318	10/06/20 09:10	
Nitrobenzene	ug/kg	ND	318	10/06/20 09:10	
Pentachlorophenol	ug/kg	ND	1610	10/06/20 09:10	
Phenanthrene	ug/kg	ND	318	10/06/20 09:10	
Phenol	ug/kg	ND	318	10/06/20 09:10	
Pyrene	ug/kg	ND	318	10/06/20 09:10	
Pyridine	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Tribromophenol (S)	%	67	41-108	10/06/20 09:10	
2-Fluorobiphenyl (S)	%	85	39-136	10/06/20 09:10	
2-Fluorophenol (S)	%	77	43-96	10/06/20 09:10	
Nitrobenzene-d5 (S)	%	67	33-132	10/06/20 09:10	
Phenol-d6 (S)	%	76	43-95	10/06/20 09:10	
Terphenyl-d14 (S)	%	82	29-131	10/06/20 09:10	

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1650	1280	78	52-104	
1,2-Dichlorobenzene	ug/kg	1650	1230	75	51-99	
1,3-Dichlorobenzene	ug/kg	1650	1230	74	48-102	
1,4-Dichlorobenzene	ug/kg	1650	1240	75	49-101	
2,4,5-Trichlorophenol	ug/kg	1650	1330	81	58-109	
2,4,6-Trichlorophenol	ug/kg	1650	1330	81	56-109	
2,4-Dichlorophenol	ug/kg	1650	1280	78	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1650	1160	71	49-104	
2,4-Dinitrophenol	ug/kg	1650	905J	55	26-119	
2,4-Dinitrotoluene	ug/kg	1650	1090	66	60-109	
2,6-Dinitrotoluene	ug/kg	1650	1150	70	59-109	
2-Chloronaphthalene	ug/kg	1650	1270	77	56-104	
2-Chlorophenol	ug/kg	1650	1280	78	56-98	
2-Methylnaphthalene	ug/kg	1650	1280	78	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1650	1210	74	52-102	
2-Nitroaniline	ug/kg	1650	1070	65	54-113	
2-Nitrophenol	ug/kg	1650	1060	64	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1250	76	52-102	
3,3'-Dichlorobenzidine	ug/kg	1650	814	49	19-126	
3-Nitroaniline	ug/kg	1650	939	57	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1650	949J	58	37-117	
4-Bromophenylphenyl ether	ug/kg	1650	1310	79	60-106	
4-Chloro-3-methylphenol	ug/kg	1650	1290	78	55-107	
4-Chloroaniline	ug/kg	1650	730	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1650	1320	80	56-107	
4-Nitroaniline	ug/kg	1650	1150	70	52-113	
4-Nitrophenol	ug/kg	1650	1190J	72	53-114	
Acenaphthene	ug/kg	1650	1320	80	55-105	
Acenaphthylene	ug/kg	1650	1360	82	57-105	
Anthracene	ug/kg	1650	1290	79	59-106	
Benzo(a)anthracene	ug/kg	1650	1280	78	59-109	
Benzo(a)pyrene	ug/kg	1650	1250	76	59-109	
Benzo(b)fluoranthene	ug/kg	1650	1340	81	56-112	
Benzo(g,h,i)perylene	ug/kg	1650	1300	79	57-109	
Benzo(k)fluoranthene	ug/kg	1650	1210	74	57-107	
Benzoic Acid	ug/kg	1650	821J	50	10-96	
Benzyl alcohol	ug/kg	1650	1200	73	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1650	1220	74	52-102	
bis(2-Chloroethyl) ether	ug/kg	1650	1200	73	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1650	1120	68	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1300	79	61-113	
Butylbenzylphthalate	ug/kg	1650	1300	79	62-110	
Carbazole	ug/kg	1650	1300	79	60-106	
Chrysene	ug/kg	1650	1330	81	58-108	
Di-n-butylphthalate	ug/kg	1650	1310	80	61-110	
Di-n-octylphthalate	ug/kg	1650	1330	81	58-114	
Dibenz(a,h)anthracene	ug/kg	1650	1280	78	57-109	
Dibenzofuran	ug/kg	1650	1290	78	56-106	
Diethylphthalate	ug/kg	1650	1270	77	57-107	
Dimethylphthalate	ug/kg	1650	1240	75	55-106	
Fluoranthene	ug/kg	1650	1300	79	60-109	
Fluorene	ug/kg	1650	1290	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1650	1250	76	50-106	
Hexachlorobenzene	ug/kg	1650	1310	80	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1650	1100	67	18-118	
Hexachloroethane	ug/kg	1650	1150	70	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1310	80	58-108	
Isophorone	ug/kg	1650	1210	74	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1650	1160	71	50-101	
N-Nitrosodiphenylamine	ug/kg	1650	1300	79	58-107	
Naphthalene	ug/kg	1650	1260	76	51-103	
Nitrobenzene	ug/kg	1650	1100	67	51-104	
Pentachlorophenol	ug/kg	1650	1010J	62	43-123	
Phenanthrene	ug/kg	1650	1310	80	58-106	
Phenol	ug/kg	1650	1240	75	53-101	
Pyrene	ug/kg	1650	1280	78	60-108	
Pyridine	ug/kg	1650	848	52	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			79	39-136	
2-Fluorophenol (S)	%			70	43-96	
Nitrobenzene-d5 (S)	%			63	33-132	
Phenol-d6 (S)	%			69	43-95	
Terphenyl-d14 (S)	%			81	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1210	1060	67	59	42-102	13	26	
1,2-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1060	66	59	45-96	11	31	
1,3-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1040	66	58	44-95	13	31	
1,4-Dichlorobenzene	ug/kg	ND	1800	1800	1190	1040	66	58	45-95	13	30	
2,4,5-Trichlorophenol	ug/kg	ND	1800	1800	1240	1130	69	63	47-109	10	31	
2,4,6-Trichlorophenol	ug/kg	ND	1800	1800	1160	1020	65	57	14-133	13	31	
2,4-Dichlorophenol	ug/kg	ND	1800	1800	1170	1040	65	57	36-111	12	29	
2,4-Dimethylphenol	ug/kg	ND	1800	1800	995	856	55	47	22-113	15	32	
2,4-Dinitrophenol	ug/kg	ND	1800	1800	651J	694J	36	39	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1800	1800	1070	1020	60	56	10-133	5	32	
2,6-Dinitrotoluene	ug/kg	ND	1800	1800	1130	1090	63	60	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	1800	1800	1200	1100	67	61	47-105	9	28	
2-Chlorophenol	ug/kg	ND	1800	1800	1190	1070	66	59	44-100	11	31	
2-Methylnaphthalene	ug/kg	ND	1800	1800	1210	1080	67	60	43-104	11	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1800	1800	1100	996	61	55	37-105	10	32	
2-Nitroaniline	ug/kg	ND	1800	1800	1070	1010	60	56	44-117	6	28	
2-Nitrophenol	ug/kg	ND	1800	1800	1120	1020	63	57	10-145	10	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1800	1800	1120	1010	63	56	35-108	11	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1800	1800	471J	605J	26	34	10-133		39	
3-Nitroaniline	ug/kg	ND	1800	1800	1070	1120	59	62	10-124	4	27	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	800J	793J	44	44	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1800	1800	1240	1110	69	62	47-109	11	33	
4-Chloro-3-methylphenol	ug/kg	ND	1800	1800	1150	1040	64	58	42-109	10	30	
4-Chloroaniline	ug/kg	ND	1800	1800	870	990	48	55	10-94	13	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1800	1800	1230	1120	69	62	46-106	9	33	
4-Nitroaniline	ug/kg	ND	1800	1800	927	916	52	51	11-126	1	47	
4-Nitrophenol	ug/kg	ND	1800	1800	1060J	972J	59	54	18-130		35	
Acenaphthene	ug/kg	ND	1800	1800	1240	1130	69	63	44-104	9	23	
Acenaphthylene	ug/kg	ND	1800	1800	1270	1170	70	65	47-102	8	29	
Anthracene	ug/kg	ND	1800	1800	1200	1100	67	61	39-112	9	30	
Benzo(a)anthracene	ug/kg	ND	1800	1800	1190	1090	66	61	10-139	8	32	
Benzo(a)pyrene	ug/kg	ND	1800	1800	1200	1070	67	59	12-132	11	33	
Benzo(b)fluoranthene	ug/kg	ND	1800	1800	1160	1060	65	59	12-136	9	37	
Benzo(g,h,i)perylene	ug/kg	ND	1800	1800	1180	1070	66	59	22-119	10	41	
Benzo(k)fluoranthene	ug/kg	ND	1800	1800	1210	1090	67	60	32-113	11	32	
Benzoic Acid	ug/kg	ND	1800	1800	614J	406J	34	23	10-101		35	
Benzyl alcohol	ug/kg	ND	1800	1800	1180	1060	66	59	46-103	10	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1800	1800	1130	1010	63	56	41-100	11	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1800	1800	1160	1040	64	58	46-100	11	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1800	1800	1050	950	58	53	40-99	10	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1800	1800	1200	1110	67	62	24-141	8	33	
Butylbenzylphthalate	ug/kg	ND	1800	1800	1220	1090	68	60	41-131	12	33	
Carbazole	ug/kg	ND	1800	1800	1140	1030	63	57	41-107	10	30	
Chrysene	ug/kg	ND	1800	1800	1220	1110	68	61	10-137	9	31	
Di-n-butylphthalate	ug/kg	ND	1800	1800	1210	1090	67	60	41-118	11	31	
Di-n-octylphthalate	ug/kg	ND	1800	1800	1260	1140	70	63	40-138	10	29	
Dibenz(a,h)anthracene	ug/kg	ND	1800	1800	1180	1060	66	59	23-122	11	35	
Dibenzofuran	ug/kg	ND	1800	1800	1210	1110	67	62	49-101	8	28	
Diethylphthalate	ug/kg	ND	1800	1800	1210	1100	67	61	42-107	10	31	
Dimethylphthalate	ug/kg	ND	1800	1800	1130	1050	63	58	37-108	8	30	
Fluoranthene	ug/kg	ND	1800	1800	1220	1100	67	61	10-139	10	32	
Fluorene	ug/kg	ND	1800	1800	1210	1140	67	63	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1800	1800	1190	1060	66	59	41-104	12	27	
Hexachlorobenzene	ug/kg	ND	1800	1800	1200	1100	67	61	46-105	9	31	
Hexachlorocyclopentadiene	ug/kg	ND	1800	1800	1060	945	59	52	10-111	12	61	
Hexachloroethane	ug/kg	ND	1800	1800	1110	1000	62	56	11-119	10	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1800	1800	1190	1060	66	59	21-120	11	38	
Isophorone	ug/kg	ND	1800	1800	1130	1010	63	56	44-97	12	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1800	1800	1110	994	62	55	37-108	11	30	
N-Nitrosodiphenylamine	ug/kg	ND	1800	1800	1170	1080	65	60	41-108	8	36	
Naphthalene	ug/kg	ND	1800	1800	1200	1050	67	58	40-105	13	31	
Nitrobenzene	ug/kg	ND	1800	1800	1060	958	59	53	35-106	10	29	
Pentachlorophenol	ug/kg	ND	1800	1800	967J	844J	54	47	10-144		35	
Phenanthrene	ug/kg	ND	1800	1800	1210	1090	67	60	43-108	11	29	
Phenol	ug/kg	ND	1800	1800	1170	1040	65	58	38-102	11	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1200	1090	67	60	10-147	10	38	
Pyridine	ug/kg	ND	1800	1800	782	676	43	37	10-79	15	35	
2,4,6-Tribromophenol (S)	%						65	59	41-108			
2-Fluorobiphenyl (S)	%						68	62	39-136			
2-Fluorophenol (S)	%						61	53	43-96			
Nitrobenzene-d5 (S)	%						57	52	33-132			
Phenol-d6 (S)	%						60	53	43-95			
Terphenyl-d14 (S)	%						71	63	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 680409
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2750615 Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	15.0	10/07/20 21:07	
TPH-ORO	mg/kg	ND	15.0	10/07/20 21:07	
2-Fluorobiphenyl (S)	%	82	39-136	10/07/20 21:07	
Nitrobenzene-d5 (S)	%	76	33-132	10/07/20 21:07	
Terphenyl-d14 (S)	%	88	29-131	10/07/20 21:07	

LABORATORY CONTROL SAMPLE: 2750616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	258	80	39-122	
2-Fluorobiphenyl (S)	%			88	39-136	
Nitrobenzene-d5 (S)	%			86	33-132	
Terphenyl-d14 (S)	%			95	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750617 2750618

Parameter	Units	60349444006 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	376	365	266	263	71	72	12-137	1	38	
2-Fluorobiphenyl (S)	%						71	74	39-136			
Nitrobenzene-d5 (S)	%						69	72	33-132			
Terphenyl-d14 (S)	%						73	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679792
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2748446
Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	10/08/20 01:21	
TPH-ORO	mg/L	ND	1.0	10/08/20 01:21	
2-Fluorobiphenyl (S)	%	72	29-108	10/08/20 01:21	
Nitrobenzene-d5 (S)	%	69	27-106	10/08/20 01:21	
Terphenyl-d14 (S)	%	70	34-129	10/08/20 01:21	

LABORATORY CONTROL SAMPLE: 2748447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	36.4	36	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			40	27-106	
Terphenyl-d14 (S)	%			41	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679795
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454003

METHOD BLANK: 2748452
Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
2,4,5-Trichlorophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dimethylphenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dinitrophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2-Chloronaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Chlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2-Methylnaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/05/20 09:51	
2-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
2-Nitrophenol	ug/L	ND	10.0	10/05/20 09:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/05/20 09:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/05/20 09:51	
3-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	10/05/20 09:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/05/20 09:51	
4-Chloroaniline	ug/L	ND	20.0	10/05/20 09:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4-Nitrophenol	ug/L	ND	50.0	10/05/20 09:51	
Acenaphthene	ug/L	ND	10.0	10/05/20 09:51	
Acenaphthylene	ug/L	ND	10.0	10/05/20 09:51	
Anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzoic Acid	ug/L	ND	50.0	10/05/20 09:51	
Benzyl alcohol	ug/L	ND	20.0	10/05/20 09:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/05/20 09:51	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

METHOD BLANK: 2748452 Matrix: Water
Associated Lab Samples: 60349454003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	10/05/20 09:51	
Butylbenzylphthalate	ug/L	ND	20.0	10/05/20 09:51	
Carbazole	ug/L	ND	10.0	10/05/20 09:51	
Chrysene	ug/L	ND	10.0	10/05/20 09:51	
Di-n-butylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Di-n-octylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Dibenzofuran	ug/L	ND	10.0	10/05/20 09:51	
Diethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dimethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Fluorene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloroethane	ug/L	ND	10.0	10/05/20 09:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Isophorone	ug/L	ND	10.0	10/05/20 09:51	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/05/20 09:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/05/20 09:51	
Naphthalene	ug/L	ND	10.0	10/05/20 09:51	
Nitrobenzene	ug/L	ND	10.0	10/05/20 09:51	
Pentachlorophenol	ug/L	ND	50.0	10/05/20 09:51	
Phenanthrene	ug/L	ND	10.0	10/05/20 09:51	
Phenol	ug/L	ND	10.0	10/05/20 09:51	
Pyrene	ug/L	ND	10.0	10/05/20 09:51	
Pyridine	ug/L	ND	10.0	10/05/20 09:51	
2,4,6-Tribromophenol (S)	%	58	16-114	10/05/20 09:51	
2-Fluorobiphenyl (S)	%	56	29-108	10/05/20 09:51	
2-Fluorophenol (S)	%	36	11-64	10/05/20 09:51	
Nitrobenzene-d5 (S)	%	54	27-106	10/05/20 09:51	
Phenol-d6 (S)	%	27	10-44	10/05/20 09:51	
Terphenyl-d14 (S)	%	84	34-129	10/05/20 09:51	

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	19.9	40	22-109	
1,2-Dichlorobenzene	ug/L	50	19.9	40	18-107	
1,3-Dichlorobenzene	ug/L	50	18.9	38	16-105	
1,4-Dichlorobenzene	ug/L	50	19.0	38	17-105	
2,4,5-Trichlorophenol	ug/L	50	25.8J	52	25-126	
2,4,6-Trichlorophenol	ug/L	50	25.2	50	23-124	
2,4-Dichlorophenol	ug/L	50	23.1	46	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	22.3	45	36-98	
2,4-Dinitrophenol	ug/L	50	28.9J	58	11-138	
2,4-Dinitrotoluene	ug/L	50	29.6	59	30-127	
2,6-Dinitrotoluene	ug/L	50	26.8	54	30-125	
2-Chloronaphthalene	ug/L	50	23.2	46	28-115	
2-Chlorophenol	ug/L	50	21.5	43	25-107	
2-Methylnaphthalene	ug/L	50	23.2	46	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	20.9	42	30-94	
2-Nitroaniline	ug/L	50	25.9J	52	29-126	
2-Nitrophenol	ug/L	50	23.4	47	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	19.7	39	26-89	
3,3'-Dichlorobenzidine	ug/L	50	31.7	63	24-140	
3-Nitroaniline	ug/L	50	25.6J	51	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	28.4J	57	21-135	
4-Bromophenylphenyl ether	ug/L	50	26.8	54	30-121	
4-Chloro-3-methylphenol	ug/L	50	25.0	50	28-117	
4-Chloroaniline	ug/L	50	17.3J	35	22-136	
4-Chlorophenylphenyl ether	ug/L	50	25.6	51	30-119	
4-Nitroaniline	ug/L	50	29.8J	60	31-129	
4-Nitrophenol	ug/L	50	18.2J	36	10-64	
Acenaphthene	ug/L	50	25.4	51	29-117	
Acenaphthylene	ug/L	50	26.3	53	27-119	
Anthracene	ug/L	50	28.9	58	27-124	
Benzo(a)anthracene	ug/L	50	36.6	73	30-124	
Benzo(a)pyrene	ug/L	50	35.7	71	29-123	
Benzo(b)fluoranthene	ug/L	50	37.1	74	29-127	
Benzo(g,h,i)perylene	ug/L	50	36.0	72	30-124	
Benzo(k)fluoranthene	ug/L	50	36.1	72	29-125	
Benzoic Acid	ug/L	50	14.9J	30	10-71	
Benzyl alcohol	ug/L	50	22.2	44	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	24.0	48	29-115	
bis(2-Chloroethyl) ether	ug/L	50	22.6	45	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	23.4	47	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.1	82	35-128	
Butylbenzylphthalate	ug/L	50	42.5	85	28-114	
Carbazole	ug/L	50	33.6	67	31-124	
Chrysene	ug/L	50	36.4	73	31-124	
Di-n-butylphthalate	ug/L	50	37.2	74	29-130	
Di-n-octylphthalate	ug/L	50	42.8	86	27-135	
Dibenz(a,h)anthracene	ug/L	50	35.8	72	30-125	
Dibenzofuran	ug/L	50	25.2	50	30-118	
Diethylphthalate	ug/L	50	30.8	62	30-123	
Dimethylphthalate	ug/L	50	28.1	56	29-121	
Fluoranthene	ug/L	50	33.4	67	31-126	
Fluorene	ug/L	50	26.5	53	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.3	37	14-107	
Hexachlorobenzene	ug/L	50	27.3	55	29-123	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	17.6	35	10-56	
Hexachloroethane	ug/L	50	17.6	35	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	35.5	71	29-124	
Isophorone	ug/L	50	25.9	52	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	24.9	50	28-117	
N-Nitrosodiphenylamine	ug/L	50	27.6	55	30-122	
Naphthalene	ug/L	50	22.5	45	25-111	
Nitrobenzene	ug/L	50	23.3	47	28-116	
Pentachlorophenol	ug/L	50	31.7J	63	17-134	
Phenanthrene	ug/L	50	29.9	60	30-121	
Phenol	ug/L	50	11.4	23	10-58	
Pyrene	ug/L	50	34.5	69	31-124	
Pyridine	ug/L	50	ND	5	10-73	1e
2,4,6-Tribromophenol (S)	%			59	16-114	
2-Fluorobiphenyl (S)	%			49	29-108	
2-Fluorophenol (S)	%			30	11-64	
Nitrobenzene-d5 (S)	%			48	27-106	
Phenol-d6 (S)	%			22	10-44	
Terphenyl-d14 (S)	%			74	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349454

QC Batch: 679595
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

METHOD BLANK: 2747795
Matrix: Solid
Associated Lab Samples: 60349454001, 60349454002, 60349454005, 60349454006, 60349454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/29/20 14:17	

SAMPLE DUPLICATE: 2747796

Parameter	Units	60349444001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.2	16.7	3	20	

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QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349454

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: 679382

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

ANALYTE QUALIFIERS

1e	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. Note: No further action was taken due to sample holding time violations.
D4	Sample was diluted due to the presence of high levels of target analytes.
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.
S0	Surrogate recovery outside laboratory control limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349454001	**DPT-22-SO-(0-3)**	EPA 3546	679802	EPA 8082	680480
60349454002	**DPT-22-SO-(17-18)**	EPA 3546	679802	EPA 8082	680480
60349454005	**DPT-23-SO-(24-25)**	EPA 3546	679802	EPA 8082	680480
60349454006	**DPT-24-SO-(24-25)**	EPA 3546	680303	EPA 8082	680550
60349454007	**DPT-25-SO-(24-25)**	EPA 3546	680303	EPA 8082	680550
60349454003	**PINE LAWN - FB4**	EPA 3510	680394	EPA 8082	680549
60349454001	**DPT-22-SO-(0-3)**	EPA 3050	680742	EPA 6010	681110
60349454002	**DPT-22-SO-(17-18)**	EPA 3050	680742	EPA 6010	681110
60349454005	**DPT-23-SO-(24-25)**	EPA 3050	680742	EPA 6010	681110
60349454006	**DPT-24-SO-(24-25)**	EPA 3050	680742	EPA 6010	681110
60349454007	**DPT-25-SO-(24-25)**	EPA 3050	680742	EPA 6010	681110
60349454003	**PINE LAWN - FB4**	EPA 3010	680798	EPA 6010	680971
60349454003	**PINE LAWN - FB4**	EPA 3010	680799	EPA 6010	680972
60349454003	**PINE LAWN - FB4**	EPA 7470	681150	EPA 7470	681187
60349454003	**PINE LAWN - FB4**	EPA 7470	679617	EPA 7470	679742
60349454001	**DPT-22-SO-(0-3)**	EPA 7471	680546	EPA 7471	680822
60349454002	**DPT-22-SO-(17-18)**	EPA 7471	680546	EPA 7471	680822
60349454005	**DPT-23-SO-(24-25)**	EPA 7471	680546	EPA 7471	680822
60349454006	**DPT-24-SO-(24-25)**	EPA 7471	680546	EPA 7471	680822
60349454007	**DPT-25-SO-(24-25)**	EPA 7471	680546	EPA 7471	680822
60349454001	**DPT-22-SO-(0-3)**	EPA 3546	679541	EPA 8270	680630
60349454002	**DPT-22-SO-(17-18)**	EPA 3546	679541	EPA 8270	680630
60349454005	**DPT-23-SO-(24-25)**	EPA 3546	679541	EPA 8270	680630
60349454006	**DPT-24-SO-(24-25)**	EPA 3546	679541	EPA 8270	680630
60349454007	**DPT-25-SO-(24-25)**	EPA 3546	679541	EPA 8270	680630
60349454001	**DPT-22-SO-(0-3)**	EPA 3546	680409	EPA 8270	681072
60349454002	**DPT-22-SO-(17-18)**	EPA 3546	680409	EPA 8270	681072
60349454005	**DPT-23-SO-(24-25)**	EPA 3546	680409	EPA 8270	681072
60349454006	**DPT-24-SO-(24-25)**	EPA 3546	680409	EPA 8270	681072
60349454007	**DPT-25-SO-(24-25)**	EPA 3546	680409	EPA 8270	681072
60349454003	**PINE LAWN - FB4**	EPA 3510C	679792	EPA 8270	681075
60349454003	**PINE LAWN - FB4**	EPA 3510	679795	EPA 8270	680727
60349454001	**DPT-22-SO-(0-3)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349454004	**PINE LAWN - SO - TB8**	EPA 5035A/5030	680235	EPA 8260B	680314
60349454005	**DPT-23-SO-(24-25)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349454006	**DPT-24-SO-(24-25)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349454007	**DPT-25-SO-(24-25)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349454002	**DPT-22-SO-(17-18)**	EPA 5035A/5030B	680236	EPA 8260B	680350
60349454002	**DPT-22-SO-(17-18)**	EPA 5035/5030	680237	EPA 5035A/8260	680351
60349454003	**PINE LAWN - FB4**	EPA 5030B/8260	679382		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349454003	**PINE LAWN - FB4**	EPA 8260	680451		
60349454001	**DPT-22-SO-(0-3)**	EPA 5035	680122	EPA 8260	680212
60349454005	**DPT-23-SO-(24-25)**	EPA 5035	680122	EPA 8260	680212
60349454006	**DPT-24-SO-(24-25)**	EPA 5035	680122	EPA 8260	680212
60349454007	**DPT-25-SO-(24-25)**	EPA 5035	680122	EPA 8260	680212
60349454001	**DPT-22-SO-(0-3)**	ASTM D2974	679595		
60349454002	**DPT-22-SO-(17-18)**	ASTM D2974	679595		
60349454005	**DPT-23-SO-(24-25)**	ASTM D2974	679595		
60349454006	**DPT-24-SO-(24-25)**	ASTM D2974	679595		
60349454007	**DPT-25-SO-(24-25)**	ASTM D2974	679595		

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Sample Condition Upon Receipt

WO# : 60349454

60349454

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: T298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 5.7 **Corr. Factor** -0.4 **Corrected** 5.3

Date and initials of person examining contents: 09/25/20 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	09/25/20 MLC
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# 603173	☑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	2 VGAU trip blanks. On
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	COC, the trip blank says
Samples from USDA Regulated Area: State: MD	☐Yes ☑No ☐N/A	its a WT matrix but is
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☑No ☐N/A	actually a soil trip blank

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

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	Pine Lawn
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: MO

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 Solution Phosphate Trisodium	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-22-SO-(03)	SL	G	09/24/20	0740				7	4						1	2		X	X	X	X	X	X			00349454
2	DPT-22-SO-(17-18)	SL	G	09/24/20	0759				7	4						1	2		X	X	X	X	X	X			
3	Pine Lawn-PB4	WT	G	09/24/20	0829				13	6		2	5						X	X	X	X	X	X	X		
4	Pine Lawn-SO-TB8	WT	G	09/24/20	0830				2				2										X				
5	DPT-23-SO-(24-25)	SL	G	09/24/20	0944				7	4						1	2		X	X	X	X	X	X			
6	DPT-24-SO-(24-25)	SL	G	09/24/20	1035				7	4						1	2		X	X	X	X	X	X			
7	DPT-25-SO-(24-25)	SL	G	09/24/20	1256				7	4						1	2		X	X	X	X	X	X			
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/24/20	1316	Mueller/Pace	9/25/20	0455	5.3	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: Thomas Kaley & Stephanie Carles

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 09/24/20

*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 08, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349457

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 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.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: PINE LAWN
Pace Project No.: 60349457

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: PINE LAWN
Pace Project No.: 60349457

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349457001	**DPT-26-SO-(24-25)**	Solid	09/24/20 13:35	09/25/20 04:55
60349457002	**DPT-26-SO-(24-25)-FD**	Solid	09/24/20 13:35	09/25/20 04:55
60349457003	**DPT-27-SO-(29-30)**	Solid	09/24/20 14:30	09/25/20 04:55
60349457004	**DPT-28-SO-(29-30)**	Solid	09/24/20 15:30	09/25/20 04:55
60349457005	**DPT-29-SO-(0-2)**	Solid	09/24/20 15:38	09/25/20 04:55
60349457006	**DPT-29-SO-(29-30)**	Solid	09/24/20 16:03	09/25/20 04:55
60349457007	**PINE LAWN-GW-TB8**	Water	09/24/20 16:21	09/25/20 04:55

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349457

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349457001	**DPT-26-SO-(24-25)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349457003	**DPT-27-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349457004	**DPT-28-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349457005	**DPT-29-SO-(0-2)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	7	PASI-K
		EPA 7471	MRV	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 8270	NAW	5	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349457

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	68	PASI-K
		EPA 8260	RAD	4	PASI-K
		ASTM D2974	DWC	1	PASI-K
60349457006	**DPT-29-SO-(29-30)**	EPA 8082	AJB1	8	PASI-K
		EPA 6010	TDS	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
60349457007	**PINE LAWN-GW-TB8**	EPA 5030B/8260	CJC	69	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: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25) **Lab ID: 60349457001** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	35.7	1	10/01/20 16:31	10/02/20 23:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	35.7	1	10/01/20 16:31	10/02/20 23:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	87	%	28-143	1	10/01/20 16:31	10/02/20 23:40	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**1.6**	mg/kg	0.85	1	10/05/20 14:38	10/07/20 10:51	7440-38-2	
Barium	**67.5**	mg/kg	0.42	1	10/05/20 14:38	10/07/20 10:51	7440-39-3	
Cadmium	ND	mg/kg	0.42	1	10/05/20 14:38	10/07/20 10:51	7440-43-9	
Chromium	**29.2**	mg/kg	0.42	1	10/05/20 14:38	10/07/20 10:51	7440-47-3	
Lead	**5.7**	mg/kg	0.85	1	10/05/20 14:38	10/07/20 10:51	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/05/20 14:38	10/07/20 10:51	7782-49-2	
Silver	ND	mg/kg	0.59	1	10/05/20 14:38	10/07/20 10:51	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	10/05/20 10:25	10/06/20 11:22	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	83-32-9	
Acenaphthylene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	208-96-8	
Anthracene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	207-08-9	
Benzoic Acid	ND	ug/kg	1830	1	09/30/20 12:08	10/06/20 18:11	65-85-0	
Benzyl alcohol	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	85-68-7	
Carbazole	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	59-50-7	
4-Chloroaniline	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	91-58-7	

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

ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25) **Lab ID: 60349457001** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	362	1	09/30/20 12:08	10/06/20 18:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	7005-72-3	
Chrysene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	53-70-3	
Dibenzofuran	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	120-83-2	
Diethylphthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	105-67-9	
Dimethylphthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1830	1	09/30/20 12:08	10/06/20 18:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1830	1	09/30/20 12:08	10/06/20 18:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	117-81-7	
Fluoranthene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	206-44-0	
Fluorene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	77-47-4	
Hexachloroethane	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	193-39-5	
Isophorone	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	78-59-1	
2-Methylnaphthalene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	15831-10-4	
Naphthalene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	91-20-3	
2-Nitroaniline	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	88-74-4	
3-Nitroaniline	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	99-09-2	
4-Nitroaniline	ND	ug/kg	723	1	09/30/20 12:08	10/06/20 18:11	100-01-6	
Nitrobenzene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	98-95-3	
2-Nitrophenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1830	1	09/30/20 12:08	10/06/20 18:11	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1830	1	09/30/20 12:08	10/06/20 18:11	87-86-5	
Phenanthrene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	85-01-8	
Phenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	108-95-2	
Pyrene	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	129-00-0	
Pyridine	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	110-86-1	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25) **Lab ID: 60349457001** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	362	1	09/30/20 12:08	10/06/20 18:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	362	1	09/30/20 12:08	10/06/20 18:11	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	43	%	33-132	1	09/30/20 12:08	10/06/20 18:11	4165-60-0	
2-Fluorobiphenyl (S)	51	%	39-136	1	09/30/20 12:08	10/06/20 18:11	321-60-8	
Terphenyl-d14 (S)	53	%	29-131	1	09/30/20 12:08	10/06/20 18:11	1718-51-0	
Phenol-d6 (S)	43	%	43-95	1	09/30/20 12:08	10/06/20 18:11	13127-88-3	
2-Fluorophenol (S)	44	%	43-96	1	09/30/20 12:08	10/06/20 18:11	367-12-4	
2,4,6-Tribromophenol (S)	40	%	41-108	1	09/30/20 12:08	10/06/20 18:11	118-79-6	S0
8270 MSSV DRO/ORO	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-ORO	ND	mg/kg	16.1	1	10/02/20 15:13	10/07/20 23:24		
TPH-DRO	ND	mg/kg	16.1	1	10/02/20 15:13	10/07/20 23:24		
Surrogates								
Nitrobenzene-d5 (S)	64	%	33-132	1	10/02/20 15:13	10/07/20 23:24	4165-60-0	
2-Fluorobiphenyl (S)	70	%	39-136	1	10/02/20 15:13	10/07/20 23:24	321-60-8	
Terphenyl-d14 (S)	74	%	29-131	1	10/02/20 15:13	10/07/20 23:24	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	13.7	1	10/01/20 09:39	10/01/20 14:26	67-64-1	
Benzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-27-4	
Bromoform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 14:26	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.1	1	10/01/20 09:39	10/01/20 14:26	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-00-3	
Chloroform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 14:26	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25) **Lab ID: 60349457001** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	87-68-3	
2-Hexanone	ND	ug/kg	13.7	1	10/01/20 09:39	10/01/20 14:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 14:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1	10/01/20 09:39	10/01/20 14:26	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	103-65-1	
Styrene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	127-18-4	
Toluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 14:26	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 14:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	10/01/20 09:39	10/01/20 14:26	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25) **Lab ID: 60349457001** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 14:26	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	10/01/20 09:39	10/01/20 14:26		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 14:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	10/01/20 09:39	10/01/20 14:26	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	10/01/20 09:39	10/01/20 14:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**10.5**	%	0.50	1		09/29/20 14:17		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25)-FD **Lab ID: 60349457002** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	36.5	1	10/01/20 16:31	10/02/20 23:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.5	1	10/01/20 16:31	10/02/20 23:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	10/01/20 16:31	10/02/20 23:58	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**2.1**	mg/kg	0.86	1	10/05/20 14:38	10/07/20 10:53	7440-38-2	
Barium	**71.0**	mg/kg	0.43	1	10/05/20 14:38	10/07/20 10:53	7440-39-3	
Cadmium	ND	mg/kg	0.43	1	10/05/20 14:38	10/07/20 10:53	7440-43-9	
Chromium	**31.1**	mg/kg	0.43	1	10/05/20 14:38	10/07/20 10:53	7440-47-3	
Lead	**5.9**	mg/kg	0.86	1	10/05/20 14:38	10/07/20 10:53	7439-92-1	
Selenium	ND	mg/kg	1.3	1	10/05/20 14:38	10/07/20 10:53	7782-49-2	
Silver	ND	mg/kg	0.60	1	10/05/20 14:38	10/07/20 10:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.049	1	10/05/20 10:25	10/06/20 11:24	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	208-96-8	
Anthracene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	207-08-9	
Benzoic Acid	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 18:32	65-85-0	
Benzyl alcohol	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	85-68-7	
Carbazole	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	59-50-7	
4-Chloroaniline	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25)-FD **Lab ID: 60349457002** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	356	1	09/30/20 12:08	10/06/20 18:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	7005-72-3	
Chrysene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 18:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 18:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	117-81-7	
Fluoranthene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	206-44-0	
Fluorene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	193-39-5	
Isophorone	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	15831-10-4	
Naphthalene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	91-20-3	
2-Nitroaniline	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	88-74-4	
3-Nitroaniline	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	99-09-2	
4-Nitroaniline	ND	ug/kg	712	1	09/30/20 12:08	10/06/20 18:32	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	88-75-5	
4-Nitrophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 18:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	86-30-6	
Pentachlorophenol	ND	ug/kg	1800	1	09/30/20 12:08	10/06/20 18:32	87-86-5	
Phenanthrene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	85-01-8	
Phenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	108-95-2	
Pyrene	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	129-00-0	
Pyridine	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25)-FD **Lab ID: 60349457002** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	356	1	09/30/20 12:08	10/06/20 18:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	09/30/20 12:08	10/06/20 18:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	54	%	33-132	1	09/30/20 12:08	10/06/20 18:32	4165-60-0	
2-Fluorobiphenyl (S)	61	%	39-136	1	09/30/20 12:08	10/06/20 18:32	321-60-8	
Terphenyl-d14 (S)	67	%	29-131	1	09/30/20 12:08	10/06/20 18:32	1718-51-0	
Phenol-d6 (S)	57	%	43-95	1	09/30/20 12:08	10/06/20 18:32	13127-88-3	
2-Fluorophenol (S)	58	%	43-96	1	09/30/20 12:08	10/06/20 18:32	367-12-4	
2,4,6-Tribromophenol (S)	58	%	41-108	1	09/30/20 12:08	10/06/20 18:32	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	16.0	1	10/02/20 15:13	10/07/20 23:43		
TPH-DRO	ND	mg/kg	16.0	1	10/02/20 15:13	10/07/20 23:43		
Surrogates								
Nitrobenzene-d5 (S)	77	%	33-132	1	10/02/20 15:13	10/07/20 23:43	4165-60-0	
2-Fluorobiphenyl (S)	82	%	39-136	1	10/02/20 15:13	10/07/20 23:43	321-60-8	
Terphenyl-d14 (S)	87	%	29-131	1	10/02/20 15:13	10/07/20 23:43	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	13.0	1	10/01/20 09:39	10/01/20 14:42	67-64-1	
Benzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	71-43-2	
Bromobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-27-4	
Bromoform	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-25-2	
Bromomethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.5	1	10/01/20 09:39	10/01/20 14:42	78-93-3	
n-Butylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.2	1	10/01/20 09:39	10/01/20 14:42	98-06-6	
Carbon disulfide	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	108-90-7	
Chloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-00-3	
Chloroform	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	67-66-3	
Chloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	1	10/01/20 09:39	10/01/20 14:42	96-12-8	
Dibromochloromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	106-93-4	
Dibromomethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25)-FD **Lab ID: 60349457002** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.2	1	10/01/20 09:39	10/01/20 14:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	10061-02-6	
Ethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	87-68-3	
2-Hexanone	ND	ug/kg	13.0	1	10/01/20 09:39	10/01/20 14:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	99-87-6	
Methylene Chloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.5	1	10/01/20 09:39	10/01/20 14:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1	10/01/20 09:39	10/01/20 14:42	91-20-3	
n-Propylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	103-65-1	
Styrene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	79-34-5	
Tetrachloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	127-18-4	
Toluene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	79-00-5	
Trichloroethene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	108-67-8	
Vinyl chloride	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	75-01-4	
Xylene (Total)	ND	ug/kg	3.2	1	10/01/20 09:39	10/01/20 14:42	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 14:42	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 14:42	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-26-SO-(24-25)-FD **Lab ID: 60349457002** Collected: 09/24/20 13:35 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 14:42	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	0.32	1	10/01/20 09:39	10/01/20 14:42		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 14:42	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 14:42	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	10/01/20 09:39	10/01/20 14:42	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**10.7**	%	0.50	1		09/29/20 14:18		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-27-SO-(29-30) **Lab ID: 60349457003** Collected: 09/24/20 14:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	39.3	1	10/01/20 16:31	10/03/20 00:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.3	1	10/01/20 16:31	10/03/20 00:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	92	%	28-143	1	10/01/20 16:31	10/03/20 00:16	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**12.1**	mg/kg	1.8	2	10/05/20 14:38	10/07/20 11:08	7440-38-2	
Barium	**493**	mg/kg	0.44	1	10/05/20 14:38	10/07/20 10:55	7440-39-3	
Cadmium	ND	mg/kg	0.88	2	10/05/20 14:38	10/07/20 11:08	7440-43-9	D3
Chromium	**38.7**	mg/kg	0.88	2	10/05/20 14:38	10/07/20 11:08	7440-47-3	
Lead	**20.8**	mg/kg	1.8	2	10/05/20 14:38	10/07/20 11:08	7439-92-1	
Selenium	ND	mg/kg	2.6	2	10/05/20 14:38	10/07/20 11:08	7782-49-2	D3
Silver	ND	mg/kg	1.2	2	10/05/20 14:38	10/07/20 11:08	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	ND	mg/kg	0.058	1	10/05/20 10:25	10/06/20 11:26	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	83-32-9	
Acenaphthylene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	208-96-8	
Anthracene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	207-08-9	
Benzoic Acid	ND	ug/kg	2000	1	09/30/20 12:08	10/06/20 18:54	65-85-0	
Benzyl alcohol	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	85-68-7	
Carbazole	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	59-50-7	
4-Chloroaniline	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	108-60-1	
2-Chloronaphthalene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-27-SO-(29-30) **Lab ID: 60349457003** Collected: 09/24/20 14:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	396	1	09/30/20 12:08	10/06/20 18:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	7005-72-3	
Chrysene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	53-70-3	
Dibenzofuran	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	120-83-2	
Diethylphthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	105-67-9	
Dimethylphthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	1	09/30/20 12:08	10/06/20 18:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2000	1	09/30/20 12:08	10/06/20 18:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	117-81-7	
Fluoranthene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	206-44-0	
Fluorene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	77-47-4	
Hexachloroethane	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	193-39-5	
Isophorone	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	78-59-1	
2-Methylnaphthalene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	15831-10-4	
Naphthalene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	91-20-3	
2-Nitroaniline	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	88-74-4	
3-Nitroaniline	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	99-09-2	
4-Nitroaniline	ND	ug/kg	791	1	09/30/20 12:08	10/06/20 18:54	100-01-6	
Nitrobenzene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	98-95-3	
2-Nitrophenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	88-75-5	
4-Nitrophenol	ND	ug/kg	2000	1	09/30/20 12:08	10/06/20 18:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	86-30-6	
Pentachlorophenol	ND	ug/kg	2000	1	09/30/20 12:08	10/06/20 18:54	87-86-5	
Phenanthrene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	85-01-8	
Phenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	108-95-2	
Pyrene	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	129-00-0	
Pyridine	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-27-SO-(29-30) **Lab ID: 60349457003** Collected: 09/24/20 14:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	396	1	09/30/20 12:08	10/06/20 18:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	1	09/30/20 12:08	10/06/20 18:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%	33-132	1	09/30/20 12:08	10/06/20 18:54	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-136	1	09/30/20 12:08	10/06/20 18:54	321-60-8	
Terphenyl-d14 (S)	80	%	29-131	1	09/30/20 12:08	10/06/20 18:54	1718-51-0	
Phenol-d6 (S)	68	%	43-95	1	09/30/20 12:08	10/06/20 18:54	13127-88-3	
2-Fluorophenol (S)	69	%	43-96	1	09/30/20 12:08	10/06/20 18:54	367-12-4	
2,4,6-Tribromophenol (S)	73	%	41-108	1	09/30/20 12:08	10/06/20 18:54	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	17.7	1	10/02/20 15:13	10/08/20 00:03		
TPH-DRO	ND	mg/kg	17.7	1	10/02/20 15:13	10/08/20 00:03		
Surrogates								
Nitrobenzene-d5 (S)	69	%	33-132	1	10/02/20 15:13	10/08/20 00:03	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-136	1	10/02/20 15:13	10/08/20 00:03	321-60-8	
Terphenyl-d14 (S)	82	%	29-131	1	10/02/20 15:13	10/08/20 00:03	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	13.1	1	10/01/20 09:39	10/01/20 14:57	67-64-1	
Benzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-27-4	
Bromoform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-25-2	
Bromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:57	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.4	1	10/01/20 09:39	10/01/20 14:57	98-06-6	
Carbon disulfide	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	108-90-7	
Chloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-00-3	
Chloroform	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	67-66-3	
Chloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:57	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-27-SO-(29-30) **Lab ID: 60349457003** Collected: 09/24/20 14:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.3	1	10/01/20 09:39	10/01/20 14:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	10061-02-6	
Ethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	87-68-3	
2-Hexanone	ND	ug/kg	13.1	1	10/01/20 09:39	10/01/20 14:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	99-87-6	
Methylene Chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1	10/01/20 09:39	10/01/20 14:57	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	103-65-1	
Styrene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	79-34-5	
Tetrachloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	127-18-4	
Toluene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	75-01-4	
Xylene (Total)	ND	ug/kg	3.3	1	10/01/20 09:39	10/01/20 14:57	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	10/01/20 09:39	10/01/20 14:57	2037-26-5	
4-Bromofluorobenzene (S)	96	%	85-115	1	10/01/20 09:39	10/01/20 14:57	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-27-SO-(29-30) **Lab ID: 60349457003** Collected: 09/24/20 14:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	104	%	78-118	1	10/01/20 09:39	10/01/20 14:57	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	0.33	1	10/01/20 09:39	10/01/20 14:57		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	10/01/20 09:39	10/01/20 14:57	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-133	1	10/01/20 09:39	10/01/20 14:57	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-123	1	10/01/20 09:39	10/01/20 14:57	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**17.2**	%	0.50	1		09/29/20 14:18		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-28-SO-(29-30) **Lab ID: 60349457004** Collected: 09/24/20 15:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	38.9	1	10/01/20 16:31	10/03/20 00:34	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	38.9	1	10/01/20 16:31	10/03/20 00:34	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	96	%	28-143	1	10/01/20 16:31	10/03/20 00:34	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.0**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:58	7440-38-2	
Barium	**164**	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:58	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:58	7440-43-9	
Chromium	**32.6**	mg/kg	0.53	1	10/05/20 14:38	10/07/20 10:58	7440-47-3	
Lead	**8.2**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 10:58	7439-92-1	
Selenium	ND	mg/kg	1.6	1	10/05/20 14:38	10/07/20 10:58	7782-49-2	
Silver	ND	mg/kg	0.74	1	10/05/20 14:38	10/07/20 10:58	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	10/05/20 10:25	10/06/20 11:33	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	83-32-9	
Acenaphthylene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	208-96-8	
Anthracene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	120-12-7	
Benzo(a)anthracene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	207-08-9	
Benzoic Acid	ND	ug/kg	1940	1	09/30/20 12:08	10/06/20 19:15	65-85-0	
Benzyl alcohol	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	85-68-7	
Carbazole	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	59-50-7	
4-Chloroaniline	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	108-60-1	
2-Chloronaphthalene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-28-SO-(29-30) **Lab ID: 60349457004** Collected: 09/24/20 15:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	384	1	09/30/20 12:08	10/06/20 19:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	7005-72-3	
Chrysene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	53-70-3	
Dibenzofuran	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	120-83-2	
Diethylphthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	105-67-9	
Dimethylphthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1940	1	09/30/20 12:08	10/06/20 19:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1	09/30/20 12:08	10/06/20 19:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	117-81-7	
Fluoranthene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	206-44-0	
Fluorene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	77-47-4	
Hexachloroethane	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	193-39-5	
Isophorone	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	78-59-1	
2-Methylnaphthalene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	15831-10-4	
Naphthalene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	91-20-3	
2-Nitroaniline	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	88-74-4	
3-Nitroaniline	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	99-09-2	
4-Nitroaniline	ND	ug/kg	769	1	09/30/20 12:08	10/06/20 19:15	100-01-6	
Nitrobenzene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	98-95-3	
2-Nitrophenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	1	09/30/20 12:08	10/06/20 19:15	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	86-30-6	
Pentachlorophenol	ND	ug/kg	1940	1	09/30/20 12:08	10/06/20 19:15	87-86-5	
Phenanthrene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	85-01-8	
Phenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	108-95-2	
Pyrene	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	129-00-0	
Pyridine	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-28-SO-(29-30) **Lab ID: 60349457004** Collected: 09/24/20 15:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	384	1	09/30/20 12:08	10/06/20 19:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	384	1	09/30/20 12:08	10/06/20 19:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%	33-132	1	09/30/20 12:08	10/06/20 19:15	4165-60-0	
2-Fluorobiphenyl (S)	70	%	39-136	1	09/30/20 12:08	10/06/20 19:15	321-60-8	
Terphenyl-d14 (S)	75	%	29-131	1	09/30/20 12:08	10/06/20 19:15	1718-51-0	
Phenol-d6 (S)	64	%	43-95	1	09/30/20 12:08	10/06/20 19:15	13127-88-3	
2-Fluorophenol (S)	65	%	43-96	1	09/30/20 12:08	10/06/20 19:15	367-12-4	
2,4,6-Tribromophenol (S)	68	%	41-108	1	09/30/20 12:08	10/06/20 19:15	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	17.7	1	10/02/20 15:13	10/08/20 00:23		
TPH-DRO	ND	mg/kg	17.7	1	10/02/20 15:13	10/08/20 00:23		
Surrogates								
Nitrobenzene-d5 (S)	76	%	33-132	1	10/02/20 15:13	10/08/20 00:23	4165-60-0	
2-Fluorobiphenyl (S)	83	%	39-136	1	10/02/20 15:13	10/08/20 00:23	321-60-8	
Terphenyl-d14 (S)	87	%	29-131	1	10/02/20 15:13	10/08/20 00:23	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	10/01/20 09:39	10/01/20 15:12	67-64-1	
Benzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	71-43-2	
Bromobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-27-4	
Bromoform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-25-2	
Bromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:12	78-93-3	
n-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.3	1	10/01/20 09:39	10/01/20 15:12	98-06-6	
Carbon disulfide	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	108-90-7	
Chloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-00-3	
Chloroform	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	67-66-3	
Chloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:12	96-12-8	
Dibromochloromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	106-93-4	
Dibromomethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-28-SO-(29-30) **Lab ID: 60349457004** Collected: 09/24/20 15:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.5	1	10/01/20 09:39	10/01/20 15:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	10061-02-6	
Ethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	87-68-3	
2-Hexanone	ND	ug/kg	13.8	1	10/01/20 09:39	10/01/20 15:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	99-87-6	
Methylene Chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:12	91-20-3	
n-Propylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	103-65-1	
Styrene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	79-34-5	
Tetrachloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	127-18-4	
Toluene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	79-00-5	
Trichloroethene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	108-67-8	
Vinyl chloride	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	75-01-4	
Xylene (Total)	ND	ug/kg	3.5	1	10/01/20 09:39	10/01/20 15:12	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1	10/01/20 09:39	10/01/20 15:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	10/01/20 09:39	10/01/20 15:12	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-28-SO-(29-30) **Lab ID: 60349457004** Collected: 09/24/20 15:30 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 15:12	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	0.35	1	10/01/20 09:39	10/01/20 15:12		
Surrogates								
Toluene-d8 (S)	100	%	78-122	1	10/01/20 09:39	10/01/20 15:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	10/01/20 09:39	10/01/20 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-123	1	10/01/20 09:39	10/01/20 15:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**16.7**	%	0.50	1		09/29/20 14:18		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(0-2) **Lab ID: 60349457005** Collected: 09/24/20 15:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	36.6	1	10/01/20 16:31	10/03/20 00:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.6	1	10/01/20 16:31	10/03/20 00:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89	%	28-143	1	10/01/20 16:31	10/03/20 00:52	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**10.1**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 11:01	7440-38-2	
Barium	**217**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 11:01	7440-39-3	
Cadmium	**1.6**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 11:01	7440-43-9	
Chromium	**39.1**	mg/kg	0.55	1	10/05/20 14:38	10/07/20 11:01	7440-47-3	
Lead	**312**	mg/kg	1.1	1	10/05/20 14:38	10/07/20 11:01	7439-92-1	
Selenium	ND	mg/kg	1.7	1	10/05/20 14:38	10/07/20 11:01	7782-49-2	
Silver	ND	mg/kg	0.77	1	10/05/20 14:38	10/07/20 11:01	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Kansas City							
Mercury	**1.1**	mg/kg	0.24	5	10/05/20 10:25	10/06/20 11:35	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	83-32-9	
Acenaphthylene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	208-96-8	
Anthracene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	120-12-7	
Benzo(a)anthracene	**4180**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	56-55-3	
Benzo(a)pyrene	**4450**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	50-32-8	
Benzo(b)fluoranthene	**5830**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	205-99-2	
Benzo(g,h,i)perylene	**2930**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	191-24-2	
Benzo(k)fluoranthene	**2200**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	207-08-9	
Benzoic Acid	ND	ug/kg	9480	1	09/30/20 12:08	10/06/20 19:37	65-85-0	
Benzyl alcohol	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	85-68-7	
Carbazole	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	59-50-7	
4-Chloroaniline	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	108-60-1	
2-Chloronaphthalene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(0-2) **Lab ID: 60349457005** Collected: 09/24/20 15:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1870	1	09/30/20 12:08	10/06/20 19:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	7005-72-3	
Chrysene	**4680**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	53-70-3	
Dibenzofuran	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	120-83-2	
Diethylphthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	105-67-9	
Dimethylphthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9480	1	09/30/20 12:08	10/06/20 19:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	9480	1	09/30/20 12:08	10/06/20 19:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	117-81-7	
Fluoranthene	**8380**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	206-44-0	
Fluorene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	87-68-3	
Hexachlorobenzene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	77-47-4	
Hexachloroethane	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	67-72-1	
Indeno(1,2,3-cd)pyrene	**2490**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	193-39-5	
Isophorone	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	78-59-1	
2-Methylnaphthalene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	15831-10-4	
Naphthalene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	91-20-3	
2-Nitroaniline	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	88-74-4	
3-Nitroaniline	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	99-09-2	
4-Nitroaniline	ND	ug/kg	3750	1	09/30/20 12:08	10/06/20 19:37	100-01-6	
Nitrobenzene	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	98-95-3	
2-Nitrophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	88-75-5	
4-Nitrophenol	ND	ug/kg	9480	1	09/30/20 12:08	10/06/20 19:37	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	86-30-6	
Pentachlorophenol	ND	ug/kg	9480	1	09/30/20 12:08	10/06/20 19:37	87-86-5	
Phenanthrene	**3060**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	85-01-8	
Phenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	108-95-2	
Pyrene	**9350**	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	129-00-0	
Pyridine	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(0-2) **Lab ID: 60349457005** Collected: 09/24/20 15:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	1870	1	09/30/20 12:08	10/06/20 19:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1870	1	09/30/20 12:08	10/06/20 19:37	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	63	%	33-132	1	09/30/20 12:08	10/06/20 19:37	4165-60-0	P3
2-Fluorobiphenyl (S)	79	%	39-136	1	09/30/20 12:08	10/06/20 19:37	321-60-8	
Terphenyl-d14 (S)	86	%	29-131	1	09/30/20 12:08	10/06/20 19:37	1718-51-0	
Phenol-d6 (S)	71	%	43-95	1	09/30/20 12:08	10/06/20 19:37	13127-88-3	
2-Fluorophenol (S)	71	%	43-96	1	09/30/20 12:08	10/06/20 19:37	367-12-4	
2,4,6-Tribromophenol (S)	68	%	41-108	1	09/30/20 12:08	10/06/20 19:37	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	16.7	1	10/02/20 15:13	10/08/20 00:42		
TPH-DRO	ND	mg/kg	16.7	1	10/02/20 15:13	10/08/20 00:42		
Surrogates								
Nitrobenzene-d5 (S)	79	%	33-132	1	10/02/20 15:13	10/08/20 00:42	4165-60-0	
2-Fluorobiphenyl (S)	85	%	39-136	1	10/02/20 15:13	10/08/20 00:42	321-60-8	
Terphenyl-d14 (S)	93	%	29-131	1	10/02/20 15:13	10/08/20 00:42	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Acetone	**149**	ug/kg	14.3	1	10/01/20 09:39	10/01/20 15:28	67-64-1	
Benzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-27-4	
Bromoform	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-25-2	
Bromomethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	74-83-9	
2-Butanone (MEK)	**15.5**	ug/kg	7.2	1	10/01/20 09:39	10/01/20 15:28	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.9	1	10/01/20 09:39	10/01/20 15:28	98-06-6	
Carbon disulfide	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	108-90-7	
Chloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-00-3	
Chloroform	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	67-66-3	
Chloromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	10/01/20 09:39	10/01/20 15:28	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(0-2) **Lab ID: 60349457005** Collected: 09/24/20 15:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	3.6	1	10/01/20 09:39	10/01/20 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	10061-02-6	
Ethylbenzene	**4.3**	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	87-68-3	
2-Hexanone	ND	ug/kg	14.3	1	10/01/20 09:39	10/01/20 15:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	99-87-6	
Methylene Chloride	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.2	1	10/01/20 09:39	10/01/20 15:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	10/01/20 09:39	10/01/20 15:28	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	103-65-1	
Styrene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	127-18-4	
Toluene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	75-01-4	
Xylene (Total)	**23.6**	ug/kg	3.6	1	10/01/20 09:39	10/01/20 15:28	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	10/01/20 09:39	10/01/20 15:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%	85-115	1	10/01/20 09:39	10/01/20 15:28	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(0-2) **Lab ID: 60349457005** Collected: 09/24/20 15:38 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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)	103	%	78-118	1	10/01/20 09:39	10/01/20 15:28	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	0.36	1	10/01/20 09:39	10/01/20 15:28		
Surrogates								
Toluene-d8 (S)	102	%	78-122	1	10/01/20 09:39	10/01/20 15:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-133	1	10/01/20 09:39	10/01/20 15:28	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-123	1	10/01/20 09:39	10/01/20 15:28	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**13.1**	%	0.50	1		09/29/20 14:18		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(29-30) **Lab ID: 60349457006** Collected: 09/24/20 16:03 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	39.0	1	10/01/20 16:31	10/03/20 01:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.0	1	10/01/20 16:31	10/03/20 01:10	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84	%	28-143	1	10/01/20 16:31	10/03/20 01:10	2051-24-3	
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Kansas City							
Arsenic	**4.1**	mg/kg	0.98	1	10/05/20 14:38	10/07/20 11:03	7440-38-2	
Barium	**158**	mg/kg	0.49	1	10/05/20 14:38	10/07/20 11:03	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	10/05/20 14:38	10/07/20 11:03	7440-43-9	
Chromium	**23.8**	mg/kg	0.49	1	10/05/20 14:38	10/07/20 11:03	7440-47-3	
Lead	**12.8**	mg/kg	0.98	1	10/05/20 14:38	10/07/20 11:03	7439-92-1	
Selenium	ND	mg/kg	1.5	1	10/05/20 14:38	10/07/20 11:03	7782-49-2	
Silver	ND	mg/kg	0.69	1	10/05/20 14:38	10/07/20 11:03	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	10/05/20 10:25	10/06/20 11:38	7439-97-6	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	83-32-9	
Acenaphthylene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	208-96-8	
Anthracene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	56-55-3	
Benzo(a)pyrene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	207-08-9	
Benzoic Acid	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 19:59	65-85-0	
Benzyl alcohol	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	85-68-7	
Carbazole	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	59-50-7	
4-Chloroaniline	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	108-60-1	
2-Chloronaphthalene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	91-58-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(29-30) **Lab ID: 60349457006** Collected: 09/24/20 16:03 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	394	1	09/30/20 12:08	10/06/20 19:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	7005-72-3	
Chrysene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	53-70-3	
Dibenzofuran	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	120-83-2	
Diethylphthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	105-67-9	
Dimethylphthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 19:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 19:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	117-81-7	
Fluoranthene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	206-44-0	
Fluorene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	87-68-3	
Hexachlorobenzene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	77-47-4	
Hexachloroethane	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	193-39-5	
Isophorone	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	78-59-1	
2-Methylnaphthalene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	15831-10-4	
Naphthalene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	91-20-3	
2-Nitroaniline	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	88-74-4	
3-Nitroaniline	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	99-09-2	
4-Nitroaniline	ND	ug/kg	787	1	09/30/20 12:08	10/06/20 19:59	100-01-6	
Nitrobenzene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	98-95-3	
2-Nitrophenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	88-75-5	
4-Nitrophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 19:59	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	86-30-6	
Pentachlorophenol	ND	ug/kg	1990	1	09/30/20 12:08	10/06/20 19:59	87-86-5	
Phenanthrene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	85-01-8	
Phenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	108-95-2	
Pyrene	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	129-00-0	
Pyridine	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	110-86-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(29-30) **Lab ID: 60349457006** Collected: 09/24/20 16:03 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	394	1	09/30/20 12:08	10/06/20 19:59	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	394	1	09/30/20 12:08	10/06/20 19:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	33-132	1	09/30/20 12:08	10/06/20 19:59	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-136	1	09/30/20 12:08	10/06/20 19:59	321-60-8	
Terphenyl-d14 (S)	83	%	29-131	1	09/30/20 12:08	10/06/20 19:59	1718-51-0	
Phenol-d6 (S)	71	%	43-95	1	09/30/20 12:08	10/06/20 19:59	13127-88-3	
2-Fluorophenol (S)	72	%	43-96	1	09/30/20 12:08	10/06/20 19:59	367-12-4	
2,4,6-Tribromophenol (S)	76	%	41-108	1	09/30/20 12:08	10/06/20 19:59	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	33.4	1	10/02/20 15:13	10/08/20 01:02		
TPH-DRO	ND	mg/kg	33.4	1	10/02/20 15:13	10/08/20 01:02		
Surrogates								
Nitrobenzene-d5 (S)	83	%	33-132	1	10/02/20 15:13	10/08/20 01:02	4165-60-0	
2-Fluorobiphenyl (S)	90	%	39-136	1	10/02/20 15:13	10/08/20 01:02	321-60-8	
Terphenyl-d14 (S)	98	%	29-131	1	10/02/20 15:13	10/08/20 01:02	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	13.7	1	10/01/20 09:39	10/01/20 15:43	67-64-1	
Benzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-27-4	
Bromoform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-25-2	
Bromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:43	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	17.1	1	10/01/20 09:39	10/01/20 15:43	98-06-6	
Carbon disulfide	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	108-90-7	
Chloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-00-3	
Chloroform	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	67-66-3	
Chloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:43	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	74-95-3	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(29-30) **Lab ID: 60349457006** Collected: 09/24/20 16:03 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 15:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-71-8	SS
1,1-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	10061-02-6	
Ethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	87-68-3	
2-Hexanone	ND	ug/kg	13.7	1	10/01/20 09:39	10/01/20 15:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	99-87-6	
Methylene Chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1	10/01/20 09:39	10/01/20 15:43	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	103-65-1	
Styrene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	127-18-4	
Toluene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	75-01-4	
Xylene (Total)	ND	ug/kg	3.4	1	10/01/20 09:39	10/01/20 15:43	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	10/01/20 09:39	10/01/20 15:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	85-115	1	10/01/20 09:39	10/01/20 15:43	460-00-4	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: DPT-29-SO-(29-30) **Lab ID: 60349457006** Collected: 09/24/20 16:03 Received: 09/25/20 04:55 Matrix: Solid

Results reported on a "dry 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	10/01/20 09:39	10/01/20 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	0.34	1	10/01/20 09:39	10/01/20 15:43		
Surrogates								
Toluene-d8 (S)	101	%	78-122	1	10/01/20 09:39	10/01/20 15:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-133	1	10/01/20 09:39	10/01/20 15:43	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-123	1	10/01/20 09:39	10/01/20 15:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**17.6**	%	0.50	1		09/29/20 14:18		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: PINE LAWN-GW-TB8 **Lab ID: 60349457007** Collected: 09/24/20 16:21 Received: 09/25/20 04:55 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		09/29/20 05:01	67-64-1	
Benzene	ND	ug/L	1.0	1		09/29/20 05:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 05:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 05:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 05:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 05:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 05:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 05:01	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 05:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 05:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 05:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 05:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 05:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 05:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 05:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 05:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 05:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 05:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 05:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 05:01	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 05:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 05:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 05:01	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 05:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 05:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 05:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 05:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 05:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 05:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 05:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 05:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 05:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 05:01	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 05:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/29/20 05:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 05:01	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 05:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 05:01	108-10-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349457

Sample: PINE LAWN-GW-TB8 **Lab ID: 60349457007** Collected: 09/24/20 16:21 Received: 09/25/20 04:55 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		09/29/20 05:01	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 05:01	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 05:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 05:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 05:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 05:01	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 05:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 05:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/29/20 05:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 05:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 05:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 05:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 05:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 05:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 05:01	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 05:01	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		09/29/20 05:01	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/29/20 05:01	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		09/29/20 05:01	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 05:01		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680546
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2751127 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.050	10/06/20 10:43	

LABORATORY CONTROL SAMPLE: 2751128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2751129 2751130

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.49	0.49	0.51	0.57	104	117	75-125	11	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680742
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2752177 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	10/07/20 09:51	
Barium	mg/kg	ND	0.50	10/07/20 09:51	
Cadmium	mg/kg	ND	0.50	10/07/20 09:51	
Chromium	mg/kg	ND	0.50	10/07/20 09:51	
Lead	mg/kg	ND	1.0	10/07/20 09:51	
Selenium	mg/kg	ND	1.5	10/07/20 09:51	
Silver	mg/kg	ND	0.70	10/07/20 09:51	

LABORATORY CONTROL SAMPLE: 2752178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	101	101	80-120	
Barium	mg/kg	100	102	102	80-120	
Cadmium	mg/kg	100	102	102	80-120	
Chromium	mg/kg	100	105	105	80-120	
Lead	mg/kg	100	106	106	80-120	
Selenium	mg/kg	100	101	101	80-120	
Silver	mg/kg	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752179 2752180

Parameter	Units	60349444001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	11.0	89	94.7	80.8	89.7	78	83	75-125	10	20	
Barium	mg/kg	168	89	94.7	283	274	130	113	75-125	3	20	M1
Cadmium	mg/kg	ND	89	94.7	73.2	81.0	82	85	75-125	10	20	
Chromium	mg/kg	26.0	89	94.7	104	116	88	95	75-125	10	20	
Lead	mg/kg	16.4	89	94.7	84.5	91.7	77	79	75-125	8	20	
Selenium	mg/kg	ND	89	94.7	70.5	77.8	79	82	75-125	10	20	
Silver	mg/kg	ND	44.5	47.3	38.6	42.5	86	89	75-125	10	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680121
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: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2749543
Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
1,1-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	10/01/20 10:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
1,3-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
2,2-Dichloropropane	ug/kg	ND	5.0	10/01/20 10:01	
2-Butanone (MEK)	ug/kg	ND	10.0	10/01/20 10:01	
2-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
2-Hexanone	ug/kg	ND	20.0	10/01/20 10:01	
4-Chlorotoluene	ug/kg	ND	5.0	10/01/20 10:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	10/01/20 10:01	
Acetone	ug/kg	ND	20.0	10/01/20 10:01	
Benzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Bromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromodichloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Bromoform	ug/kg	ND	5.0	10/01/20 10:01	
Bromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Carbon disulfide	ug/kg	ND	5.0	10/01/20 10:01	
Carbon tetrachloride	ug/kg	ND	5.0	10/01/20 10:01	
Chlorobenzene	ug/kg	ND	5.0	10/01/20 10:01	
Chloroethane	ug/kg	ND	5.0	10/01/20 10:01	
Chloroform	ug/kg	ND	5.0	10/01/20 10:01	
Chloromethane	ug/kg	ND	5.0	10/01/20 10:01	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

METHOD BLANK: 2749543 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Dibromochloromethane	ug/kg	ND	5.0	10/01/20 10:01	
Dibromomethane	ug/kg	ND	5.0	10/01/20 10:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Ethylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	10/01/20 10:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/01/20 10:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/01/20 10:01	
Methylene Chloride	ug/kg	ND	5.0	10/01/20 10:01	
n-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
n-Propylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Naphthalene	ug/kg	ND	10.0	10/01/20 10:01	
p-Isopropyltoluene	ug/kg	ND	5.0	10/01/20 10:01	
sec-Butylbenzene	ug/kg	ND	5.0	10/01/20 10:01	
Styrene	ug/kg	ND	5.0	10/01/20 10:01	
tert-Butylbenzene	ug/kg	ND	25.0	10/01/20 10:01	
Tetrachloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Toluene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	10/01/20 10:01	
Trichloroethene	ug/kg	ND	5.0	10/01/20 10:01	
Trichlorofluoromethane	ug/kg	ND	5.0	10/01/20 10:01	
Vinyl chloride	ug/kg	ND	5.0	10/01/20 10:01	
Xylene (Total)	ug/kg	ND	5.0	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	78-118	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	85-115	10/01/20 10:01	
Toluene-d8 (S)	%	102	80-120	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	101	101	84-125	
1,1,1-Trichloroethane	ug/kg	100	96.2	96	81-121	
1,1,2,2-Tetrachloroethane	ug/kg	100	89.5	90	76-121	
1,1,2-Trichloroethane	ug/kg	100	96.5	96	83-118	
1,1-Dichloroethane	ug/kg	100	101	101	74-120	
1,1-Dichloroethene	ug/kg	100	92.9	93	71-124	
1,1-Dichloropropene	ug/kg	100	84.0	84	73-123	
1,2,3-Trichlorobenzene	ug/kg	100	100	100	81-123	
1,2,3-Trichloropropane	ug/kg	100	94.4	94	81-116	
1,2,4-Trichlorobenzene	ug/kg	100	101	101	79-126	
1,2,4-Trimethylbenzene	ug/kg	100	97.0	97	79-121	
1,2-Dibromo-3-chloropropane	ug/kg	100	91.5	92	74-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	100	98.6	99	64-137	
1,2-Dichlorobenzene	ug/kg	100	97.5	97	83-119	
1,2-Dichloroethane	ug/kg	100	86.8	87	58-128	
1,2-Dichloroethene (Total)	ug/kg	200	191	95	82-117	
1,2-Dichloropropane	ug/kg	100	91.8	92	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	98.4	98	81-122	
1,3-Dichlorobenzene	ug/kg	100	98.7	99	83-119	
1,3-Dichloropropane	ug/kg	100	94.7	95	83-118	
1,4-Dichlorobenzene	ug/kg	100	92.1	92	83-116	
2,2-Dichloropropane	ug/kg	100	95.8	96	76-124	
2-Butanone (MEK)	ug/kg	500	423	85	63-122	
2-Chlorotoluene	ug/kg	100	95.2	95	79-119	
2-Hexanone	ug/kg	500	443	89	68-122	
4-Chlorotoluene	ug/kg	100	97.3	97	84-119	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	439	88	63-128	
Acetone	ug/kg	500	404	81	55-124	
Benzene	ug/kg	100	90.3	90	67-126	
Bromobenzene	ug/kg	100	97.6	98	85-117	
Bromochloromethane	ug/kg	100	97.8	98	78-122	
Bromodichloromethane	ug/kg	100	96.7	97	82-120	
Bromoform	ug/kg	100	107	107	77-133	
Bromomethane	ug/kg	100	70.6	71	20-168	
Carbon disulfide	ug/kg	100	100	100	60-133	
Carbon tetrachloride	ug/kg	100	104	104	79-128	
Chlorobenzene	ug/kg	100	98.4	98	84-118	
Chloroethane	ug/kg	100	74.9	75	53-139	
Chloroform	ug/kg	100	94.7	95	82-120	
Chloromethane	ug/kg	100	44.0	44	33-143	
cis-1,2-Dichloroethene	ug/kg	100	95.2	95	83-117	
cis-1,3-Dichloropropene	ug/kg	100	94.2	94	80-122	
Dibromochloromethane	ug/kg	100	107	107	82-128	
Dibromomethane	ug/kg	100	93.7	94	82-119	
Dichlorodifluoromethane	ug/kg	100	22.4	22	12-159	
Ethylbenzene	ug/kg	100	97.1	97	69-127	
Hexachloro-1,3-butadiene	ug/kg	100	103	103	77-133	
Isopropylbenzene (Cumene)	ug/kg	100	96.3	96	83-122	
Methyl-tert-butyl ether	ug/kg	100	89.4	89	58-137	
Methylene Chloride	ug/kg	100	88.8	89	68-125	
n-Butylbenzene	ug/kg	100	105	105	73-131	
n-Propylbenzene	ug/kg	100	99.2	99	82-122	
Naphthalene	ug/kg	100	102	102	60-136	
p-Isopropyltoluene	ug/kg	100	91.1	91	74-129	
sec-Butylbenzene	ug/kg	100	107	107	71-133	
Styrene	ug/kg	100	101	101	84-121	
tert-Butylbenzene	ug/kg	100	98.5	98	81-122	
Tetrachloroethene	ug/kg	100	105	105	78-130	
Toluene	ug/kg	100	95.6	96	80-118	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2749544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/kg	100	95.6	96	78-118	
trans-1,3-Dichloropropene	ug/kg	100	100	100	81-123	
Trichloroethene	ug/kg	100	98.3	98	78-127	
Trichlorofluoromethane	ug/kg	100	89.8	90	64-133	
Vinyl chloride	ug/kg	100	57.6	58	45-139	
Xylene (Total)	ug/kg	300	290	97	69-130	
1,2-Dichloroethane-d4 (S)	%			94	78-118	
4-Bromofluorobenzene (S)	%			96	85-115	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	101	97.8	81	78	13-133	3	39	
1,1,1-Trichloroethane	ug/kg	ND	124	125	95.0	98.2	76	79	30-131	3	28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	124	125	90.5	88.0	73	70	10-139	3	49	
1,1,2-Trichloroethane	ug/kg	ND	124	125	100	94.2	81	75	10-145	6	41	
1,1-Dichloroethane	ug/kg	ND	124	125	97.9	102	78	81	24-125	4	31	
1,1-Dichloroethene	ug/kg	ND	124	125	80.8	83.9	65	67	34-118	4	30	
1,1-Dichloropropene	ug/kg	ND	124	125	86.6	89.6	70	72	29-116	3	30	
1,2,3-Trichlorobenzene	ug/kg	ND	124	125	73.7	70.3	59	56	10-115	5	40	
1,2,3-Trichloropropane	ug/kg	ND	124	125	94.9	91.1	76	73	10-150	4	46	
1,2,4-Trichlorobenzene	ug/kg	ND	124	125	76.9	72.6	62	58	10-115	6	44	
1,2,4-Trimethylbenzene	ug/kg	ND	124	125	90.5	87.4	73	70	10-123	3	37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	124	125	87.4	84.6	70	68	10-136	3	42	
1,2-Dibromoethane (EDB)	ug/kg	ND	124	125	101	96.6	81	77	24-149	4	29	
1,2-Dichlorobenzene	ug/kg	ND	124	125	86.2	80.9	69	65	10-123	6	41	
1,2-Dichloroethane	ug/kg	ND	124	125	88.1	84.7	71	68	23-140	4	29	
1,2-Dichloroethene (Total)	ug/kg	ND	248	250	188	187	76	75	30-119	0	32	
1,2-Dichloropropane	ug/kg	ND	124	125	93.6	89.9	75	72	13-132	4	33	
1,3,5-Trimethylbenzene	ug/kg	ND	124	125	92.4	90.9	74	73	10-124	2	40	
1,3-Dichlorobenzene	ug/kg	ND	124	125	89.0	84.0	72	67	10-122	6	42	
1,3-Dichloropropane	ug/kg	ND	124	125	96.9	93.0	78	74	10-135	4	36	
1,4-Dichlorobenzene	ug/kg	ND	124	125	85.1	79.8	68	64	10-120	6	38	
2,2-Dichloropropane	ug/kg	ND	124	125	92.1	94.7	74	76	22-135	3	31	
2-Butanone (MEK)	ug/kg	ND	622	625	435	427	70	68	12-127	2	37	
2-Chlorotoluene	ug/kg	ND	124	125	90.7	87.5	73	70	10-126	4	38	
2-Hexanone	ug/kg	ND	622	625	456	442	73	71	10-135	3	37	
4-Chlorotoluene	ug/kg	ND	124	125	91.5	88.5	74	71	10-129	3	40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	622	625	448	434	72	69	10-129	3	36	
Acetone	ug/kg	ND	622	625	415	401	65	63	10-143	3	34	
Benzene	ug/kg	ND	124	125	90.5	90.0	73	72	37-135	1	24	
Bromobenzene	ug/kg	ND	124	125	95.4	89.8	77	72	10-134	6	45	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2749545 2749546

Parameter	Units	60349800003 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	124	125	100	95.8	81	77	17-129	5	34	
Bromodichloromethane	ug/kg	ND	124	125	99.0	95.2	80	76	12-130	4	33	
Bromoform	ug/kg	ND	124	125	104	99.2	84	79	10-135	5	39	
Bromomethane	ug/kg	ND	124	125	61.6	59.6	49	47	10-124	3	41	
Carbon disulfide	ug/kg	ND	124	125	75.1	77.3	60	62	17-116	3	28	
Carbon tetrachloride	ug/kg	ND	124	125	98.8	103	79	83	29-127	5	35	
Chlorobenzene	ug/kg	ND	124	125	96.8	95.0	78	76	10-133	2	33	
Chloroethane	ug/kg	ND	124	125	62.4	62.9	50	50	25-116	1	33	
Chloroform	ug/kg	ND	124	125	96.5	95.3	78	76	20-130	1	30	
Chloromethane	ug/kg	ND	124	125	32.2	32.0	26	26	10-113	0	31	
cis-1,2-Dichloroethene	ug/kg	ND	124	125	95.2	93.7	76	75	22-126	2	31	
cis-1,3-Dichloropropene	ug/kg	ND	124	125	95.5	91.5	77	73	10-125	4	34	
Dibromochloromethane	ug/kg	ND	124	125	105	101	84	81	10-138	4	38	
Dibromomethane	ug/kg	ND	124	125	98.1	92.8	79	74	13-129	6	38	
Dichlorodifluoromethane	ug/kg	ND	124	125	16.1	16.2	13	13	10-114	1	33	
Ethylbenzene	ug/kg	ND	124	125	96.1	97.4	77	78	31-142	1	25	
Hexachloro-1,3-butadiene	ug/kg	ND	124	125	85.4	85.9	69	69	10-124	1	41	
Isopropylbenzene (Cumene)	ug/kg	ND	124	125	96.0	97.6	77	78	17-120	2	34	
Methyl-tert-butyl ether	ug/kg	ND	124	125	91.4	86.2	73	69	30-143	6	28	
Methylene Chloride	ug/kg	ND	124	125	89.7	85.0	69	65	24-121	5	33	
n-Butylbenzene	ug/kg	ND	124	125	91.6	92.2	74	74	10-121	1	36	
n-Propylbenzene	ug/kg	ND	124	125	94.3	94.7	76	76	12-125	0	37	
Naphthalene	ug/kg	ND	124	125	80.6	78.1	64	62	10-156	3	34	
p-Isopropyltoluene	ug/kg	ND	124	125	88.4	87.5	71	70	10-119	1	37	
sec-Butylbenzene	ug/kg	ND	124	125	96.8	97.9	78	78	10-127	1	40	
Styrene	ug/kg	ND	124	125	95.4	91.0	77	73	10-124	5	37	
tert-Butylbenzene	ug/kg	ND	124	125	95.2	94.4	77	76	10-126	1	37	
Tetrachloroethene	ug/kg	ND	124	125	104	106	83	85	15-133	2	36	
Toluene	ug/kg	ND	124	125	95.8	97.0	77	78	40-137	1	25	
trans-1,2-Dichloroethene	ug/kg	ND	124	125	92.8	93.7	75	75	22-129	1	34	
trans-1,3-Dichloropropene	ug/kg	ND	124	125	99.8	96.0	80	77	10-130	4	35	
Trichloroethene	ug/kg	ND	124	125	98.7	99.7	79	80	19-135	1	34	
Trichlorofluoromethane	ug/kg	ND	124	125	74.2	77.8	60	62	16-132	5	28	
Vinyl chloride	ug/kg	ND	124	125	42.8	44.0	34	35	14-116	3	28	
Xylene (Total)	ug/kg	ND	374	375	285	284	76	76	19-153	1	27	
1,2-Dichloroethane-d4 (S)	%						98	99	78-118			
4-Bromofluorobenzene (S)	%						97	96	85-115			
Toluene-d8 (S)	%						103	103	80-120			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 679382
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: 60349457007

METHOD BLANK: 2747154
Matrix: Water
Associated Lab Samples: 60349457007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
1,1-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/29/20 03:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/29/20 03:31	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloroethane	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/29/20 03:31	
1,2-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
1,3-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
2,2-Dichloropropane	ug/L	ND	1.0	09/29/20 03:31	
2-Butanone (MEK)	ug/L	ND	10.0	09/29/20 03:31	
2-Chlorotoluene	ug/L	ND	1.0	09/29/20 03:31	
2-Hexanone	ug/L	ND	10.0	09/29/20 03:31	
4-Chlorotoluene	ug/L	ND	1.0	09/29/20 03:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/29/20 03:31	
Acetone	ug/L	ND	10.0	09/29/20 03:31	
Benzene	ug/L	ND	1.0	09/29/20 03:31	
Bromobenzene	ug/L	ND	1.0	09/29/20 03:31	
Bromochloromethane	ug/L	ND	1.0	09/29/20 03:31	
Bromodichloromethane	ug/L	ND	1.0	09/29/20 03:31	
Bromoform	ug/L	ND	1.0	09/29/20 03:31	
Bromomethane	ug/L	ND	5.0	09/29/20 03:31	
Carbon disulfide	ug/L	ND	5.0	09/29/20 03:31	
Carbon tetrachloride	ug/L	ND	1.0	09/29/20 03:31	
Chlorobenzene	ug/L	ND	1.0	09/29/20 03:31	
Chloroethane	ug/L	ND	1.0	09/29/20 03:31	
Chloroform	ug/L	ND	1.0	09/29/20 03:31	
Chloromethane	ug/L	ND	1.0	09/29/20 03:31	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

METHOD BLANK: 2747154 Matrix: Water
Associated Lab Samples: 60349457007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
Dibromochloromethane	ug/L	ND	1.0	09/29/20 03:31	
Dibromomethane	ug/L	ND	1.0	09/29/20 03:31	
Dichlorodifluoromethane	ug/L	ND	1.0	09/29/20 03:31	
Ethylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/29/20 03:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/29/20 03:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/29/20 03:31	
Methylene Chloride	ug/L	ND	1.0	09/29/20 03:31	
n-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
n-Propylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Naphthalene	ug/L	ND	10.0	09/29/20 03:31	
p-Isopropyltoluene	ug/L	ND	1.0	09/29/20 03:31	
sec-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Styrene	ug/L	ND	1.0	09/29/20 03:31	
tert-Butylbenzene	ug/L	ND	1.0	09/29/20 03:31	
Tetrachloroethene	ug/L	ND	1.0	09/29/20 03:31	
Toluene	ug/L	ND	1.0	09/29/20 03:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 03:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 03:31	
Trichloroethene	ug/L	ND	1.0	09/29/20 03:31	
Trichlorofluoromethane	ug/L	ND	1.0	09/29/20 03:31	
Vinyl chloride	ug/L	ND	1.0	09/29/20 03:31	
Xylene (Total)	ug/L	ND	3.0	09/29/20 03:31	
1,2-Dichloroethane-d4 (S)	%	98	86-117	09/29/20 03:31	
4-Bromofluorobenzene (S)	%	100	80-120	09/29/20 03:31	
Toluene-d8 (S)	%	102	80-120	09/29/20 03:31	

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.8	99	85-118	
1,1,1-Trichloroethane	ug/L	20	20.2	101	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	16.8	84	78-118	
1,1,2-Trichloroethane	ug/L	20	20.9	105	82-117	
1,1-Dichloroethane	ug/L	20	20.4	102	85-120	
1,1-Dichloroethene	ug/L	20	19.2	96	81-124	
1,1-Dichloropropene	ug/L	20	18.7	94	71-119	
1,2,3-Trichlorobenzene	ug/L	20	20.0	100	76-120	
1,2,3-Trichloropropane	ug/L	20	20.6	103	78-123	
1,2,4-Trichlorobenzene	ug/L	20	19.7	98	77-117	
1,2,4-Trimethylbenzene	ug/L	20	20.4	102	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.9	95	68-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.5	102	83-120	
1,2-Dichlorobenzene	ug/L	20	20.9	105	80-120	
1,2-Dichloroethane	ug/L	20	19.1	95	79-118	
1,2-Dichloroethene (Total)	ug/L	40	38.8	97	84-118	
1,2-Dichloropropane	ug/L	20	20.2	101	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.7	103	80-118	
1,3-Dichlorobenzene	ug/L	20	20.1	100	80-120	
1,3-Dichloropropane	ug/L	20	20.3	102	85-120	
1,4-Dichlorobenzene	ug/L	20	20.1	100	84-115	
2,2-Dichloropropane	ug/L	20	13.8	69	60-129	
2-Butanone (MEK)	ug/L	100	99.0	99	70-125	
2-Chlorotoluene	ug/L	20	21.4	107	84-115	
2-Hexanone	ug/L	100	99.0	99	76-126	
4-Chlorotoluene	ug/L	20	21.0	105	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	73-131	
Acetone	ug/L	100	91.9	92	59-135	
Benzene	ug/L	20	19.7	99	82-115	
Bromobenzene	ug/L	20	21.1	105	84-115	
Bromochloromethane	ug/L	20	19.8	99	85-125	
Bromodichloromethane	ug/L	20	19.8	99	82-123	
Bromoform	ug/L	20	19.5	98	66-133	
Bromomethane	ug/L	20	21.9	110	27-179	
Carbon disulfide	ug/L	20	22.8	114	72-134	
Carbon tetrachloride	ug/L	20	20.1	100	80-121	
Chlorobenzene	ug/L	20	20.6	103	80-120	
Chloroethane	ug/L	20	20.4	102	78-145	
Chloroform	ug/L	20	20.6	103	84-116	
Chloromethane	ug/L	20	20.0	100	48-160	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	85-115	
cis-1,3-Dichloropropene	ug/L	20	18.8	94	85-117	
Dibromochloromethane	ug/L	20	19.8	99	82-122	
Dibromomethane	ug/L	20	19.9	99	81-122	
Dichlorodifluoromethane	ug/L	20	8.3	42	50-173	L2
Ethylbenzene	ug/L	20	19.9	100	79-115	
Hexachloro-1,3-butadiene	ug/L	20	19.4	97	75-120	
Isopropylbenzene (Cumene)	ug/L	20	19.8	99	84-117	
Methyl-tert-butyl ether	ug/L	20	19.8	99	77-126	
Methylene Chloride	ug/L	20	19.5	97	80-126	
n-Butylbenzene	ug/L	20	20.5	103	81-120	
n-Propylbenzene	ug/L	20	20.8	104	80-116	
Naphthalene	ug/L	20	20.5	102	73-126	
p-Isopropyltoluene	ug/L	20	18.4	92	74-121	
sec-Butylbenzene	ug/L	20	22.2	111	75-130	
Styrene	ug/L	20	20.9	105	80-117	
tert-Butylbenzene	ug/L	20	21.0	105	84-116	
Tetrachloroethene	ug/L	20	20.6	103	83-119	
Toluene	ug/L	20	20.4	102	83-115	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2747155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	19.7	99	80-124	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	83-117	
Trichloroethene	ug/L	20	23.3	117	80-118	
Trichlorofluoromethane	ug/L	20	19.8	99	83-133	
Vinyl chloride	ug/L	20	16.1	81	76-144	
Xylene (Total)	ug/L	60	62.1	103	82-120	
1,2-Dichloroethane-d4 (S)	%			100	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680122
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: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2749547 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	0.50	10/01/20 10:01	
1,2-Dichloroethane-d4 (S)	%	96	80-123	10/01/20 10:01	
4-Bromofluorobenzene (S)	%	97	69-133	10/01/20 10:01	
Toluene-d8 (S)	%	102	78-122	10/01/20 10:01	

LABORATORY CONTROL SAMPLE: 2749548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	4	3.1	79	61-140	
1,2-Dichloroethane-d4 (S)	%			96	80-123	
4-Bromofluorobenzene (S)	%			98	69-133	
Toluene-d8 (S)	%			103	78-122	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680303
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2750057 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1221 (Aroclor 1221)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1232 (Aroclor 1232)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1242 (Aroclor 1242)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1248 (Aroclor 1248)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1254 (Aroclor 1254)	ug/kg	ND	31.1	10/02/20 21:17	
PCB-1260 (Aroclor 1260)	ug/kg	ND	31.1	10/02/20 21:17	
Decachlorobiphenyl (S)	%	89	28-143	10/02/20 21:17	

LABORATORY CONTROL SAMPLE: 2750058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	145	89	61-130	
PCB-1260 (Aroclor 1260)	ug/kg	164	151	92	56-128	
Decachlorobiphenyl (S)	%			89	28-143	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750059 2750060

Parameter	Units	60349454006 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	181	187	160	159	88	85	38-131	1	38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	181	187	168	166	93	89	30-141	1	40	
Decachlorobiphenyl (S)	%						91	87	28-143			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 679541
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2747554
Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,2-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,3-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
1,4-Dichlorobenzene	ug/kg	ND	318	10/06/20 09:10	
2,4,5-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Trichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dichlorophenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dimethylphenol	ug/kg	ND	318	10/06/20 09:10	
2,4-Dinitrophenol	ug/kg	ND	1610	10/06/20 09:10	
2,4-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2,6-Dinitrotoluene	ug/kg	ND	318	10/06/20 09:10	
2-Chloronaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Chlorophenol	ug/kg	ND	318	10/06/20 09:10	
2-Methylnaphthalene	ug/kg	ND	318	10/06/20 09:10	
2-Methylphenol(o-Cresol)	ug/kg	ND	318	10/06/20 09:10	
2-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
2-Nitrophenol	ug/kg	ND	318	10/06/20 09:10	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	318	10/06/20 09:10	
3,3'-Dichlorobenzidine	ug/kg	ND	637	10/06/20 09:10	
3-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1610	10/06/20 09:10	
4-Bromophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Chloro-3-methylphenol	ug/kg	ND	637	10/06/20 09:10	
4-Chloroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Chlorophenylphenyl ether	ug/kg	ND	318	10/06/20 09:10	
4-Nitroaniline	ug/kg	ND	637	10/06/20 09:10	
4-Nitrophenol	ug/kg	ND	1610	10/06/20 09:10	
Acenaphthene	ug/kg	ND	318	10/06/20 09:10	
Acenaphthylene	ug/kg	ND	318	10/06/20 09:10	
Anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)anthracene	ug/kg	ND	318	10/06/20 09:10	
Benzo(a)pyrene	ug/kg	ND	318	10/06/20 09:10	
Benzo(b)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzo(g,h,i)perylene	ug/kg	ND	318	10/06/20 09:10	
Benzo(k)fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Benzoic Acid	ug/kg	ND	1610	10/06/20 09:10	
Benzyl alcohol	ug/kg	ND	637	10/06/20 09:10	
bis(2-Chloroethoxy)methane	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroethyl) ether	ug/kg	ND	318	10/06/20 09:10	
bis(2-Chloroisopropyl) ether	ug/kg	ND	318	10/06/20 09:10	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

METHOD BLANK: 2747554 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	318	10/06/20 09:10	
Butylbenzylphthalate	ug/kg	ND	318	10/06/20 09:10	
Carbazole	ug/kg	ND	318	10/06/20 09:10	
Chrysene	ug/kg	ND	318	10/06/20 09:10	
Di-n-butylphthalate	ug/kg	ND	318	10/06/20 09:10	
Di-n-octylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dibenz(a,h)anthracene	ug/kg	ND	318	10/06/20 09:10	
Dibenzofuran	ug/kg	ND	318	10/06/20 09:10	
Diethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Dimethylphthalate	ug/kg	ND	318	10/06/20 09:10	
Fluoranthene	ug/kg	ND	318	10/06/20 09:10	
Fluorene	ug/kg	ND	318	10/06/20 09:10	
Hexachloro-1,3-butadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorobenzene	ug/kg	ND	318	10/06/20 09:10	
Hexachlorocyclopentadiene	ug/kg	ND	318	10/06/20 09:10	
Hexachloroethane	ug/kg	ND	318	10/06/20 09:10	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	318	10/06/20 09:10	
Isophorone	ug/kg	ND	318	10/06/20 09:10	
N-Nitroso-di-n-propylamine	ug/kg	ND	318	10/06/20 09:10	
N-Nitrosodiphenylamine	ug/kg	ND	318	10/06/20 09:10	
Naphthalene	ug/kg	ND	318	10/06/20 09:10	
Nitrobenzene	ug/kg	ND	318	10/06/20 09:10	
Pentachlorophenol	ug/kg	ND	1610	10/06/20 09:10	
Phenanthrene	ug/kg	ND	318	10/06/20 09:10	
Phenol	ug/kg	ND	318	10/06/20 09:10	
Pyrene	ug/kg	ND	318	10/06/20 09:10	
Pyridine	ug/kg	ND	318	10/06/20 09:10	
2,4,6-Tribromophenol (S)	%	67	41-108	10/06/20 09:10	
2-Fluorobiphenyl (S)	%	85	39-136	10/06/20 09:10	
2-Fluorophenol (S)	%	77	43-96	10/06/20 09:10	
Nitrobenzene-d5 (S)	%	67	33-132	10/06/20 09:10	
Phenol-d6 (S)	%	76	43-95	10/06/20 09:10	
Terphenyl-d14 (S)	%	82	29-131	10/06/20 09:10	

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1650	1280	78	52-104	
1,2-Dichlorobenzene	ug/kg	1650	1230	75	51-99	
1,3-Dichlorobenzene	ug/kg	1650	1230	74	48-102	
1,4-Dichlorobenzene	ug/kg	1650	1240	75	49-101	
2,4,5-Trichlorophenol	ug/kg	1650	1330	81	58-109	
2,4,6-Trichlorophenol	ug/kg	1650	1330	81	56-109	
2,4-Dichlorophenol	ug/kg	1650	1280	78	54-106	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1650	1160	71	49-104	
2,4-Dinitrophenol	ug/kg	1650	905J	55	26-119	
2,4-Dinitrotoluene	ug/kg	1650	1090	66	60-109	
2,6-Dinitrotoluene	ug/kg	1650	1150	70	59-109	
2-Chloronaphthalene	ug/kg	1650	1270	77	56-104	
2-Chlorophenol	ug/kg	1650	1280	78	56-98	
2-Methylnaphthalene	ug/kg	1650	1280	78	53-103	
2-Methylphenol(o-Cresol)	ug/kg	1650	1210	74	52-102	
2-Nitroaniline	ug/kg	1650	1070	65	54-113	
2-Nitrophenol	ug/kg	1650	1060	64	51-111	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1250	76	52-102	
3,3'-Dichlorobenzidine	ug/kg	1650	814	49	19-126	
3-Nitroaniline	ug/kg	1650	939	57	31-122	
4,6-Dinitro-2-methylphenol	ug/kg	1650	949J	58	37-117	
4-Bromophenylphenyl ether	ug/kg	1650	1310	79	60-106	
4-Chloro-3-methylphenol	ug/kg	1650	1290	78	55-107	
4-Chloroaniline	ug/kg	1650	730	44	10-116	
4-Chlorophenylphenyl ether	ug/kg	1650	1320	80	56-107	
4-Nitroaniline	ug/kg	1650	1150	70	52-113	
4-Nitrophenol	ug/kg	1650	1190J	72	53-114	
Acenaphthene	ug/kg	1650	1320	80	55-105	
Acenaphthylene	ug/kg	1650	1360	82	57-105	
Anthracene	ug/kg	1650	1290	79	59-106	
Benzo(a)anthracene	ug/kg	1650	1280	78	59-109	
Benzo(a)pyrene	ug/kg	1650	1250	76	59-109	
Benzo(b)fluoranthene	ug/kg	1650	1340	81	56-112	
Benzo(g,h,i)perylene	ug/kg	1650	1300	79	57-109	
Benzo(k)fluoranthene	ug/kg	1650	1210	74	57-107	
Benzoic Acid	ug/kg	1650	821J	50	10-96	
Benzyl alcohol	ug/kg	1650	1200	73	56-103	
bis(2-Chloroethoxy)methane	ug/kg	1650	1220	74	52-102	
bis(2-Chloroethyl) ether	ug/kg	1650	1200	73	51-100	
bis(2-Chloroisopropyl) ether	ug/kg	1650	1120	68	47-101	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1300	79	61-113	
Butylbenzylphthalate	ug/kg	1650	1300	79	62-110	
Carbazole	ug/kg	1650	1300	79	60-106	
Chrysene	ug/kg	1650	1330	81	58-108	
Di-n-butylphthalate	ug/kg	1650	1310	80	61-110	
Di-n-octylphthalate	ug/kg	1650	1330	81	58-114	
Dibenz(a,h)anthracene	ug/kg	1650	1280	78	57-109	
Dibenzofuran	ug/kg	1650	1290	78	56-106	
Diethylphthalate	ug/kg	1650	1270	77	57-107	
Dimethylphthalate	ug/kg	1650	1240	75	55-106	
Fluoranthene	ug/kg	1650	1300	79	60-109	
Fluorene	ug/kg	1650	1290	79	56-107	
Hexachloro-1,3-butadiene	ug/kg	1650	1250	76	50-106	
Hexachlorobenzene	ug/kg	1650	1310	80	56-107	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

LABORATORY CONTROL SAMPLE: 2747555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1650	1100	67	18-118	
Hexachloroethane	ug/kg	1650	1150	70	49-101	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1310	80	58-108	
Isophorone	ug/kg	1650	1210	74	53-99	
N-Nitroso-di-n-propylamine	ug/kg	1650	1160	71	50-101	
N-Nitrosodiphenylamine	ug/kg	1650	1300	79	58-107	
Naphthalene	ug/kg	1650	1260	76	51-103	
Nitrobenzene	ug/kg	1650	1100	67	51-104	
Pentachlorophenol	ug/kg	1650	1010J	62	43-123	
Phenanthrene	ug/kg	1650	1310	80	58-106	
Phenol	ug/kg	1650	1240	75	53-101	
Pyrene	ug/kg	1650	1280	78	60-108	
Pyridine	ug/kg	1650	848	52	33-72	
2,4,6-Tribromophenol (S)	%			78	41-108	
2-Fluorobiphenyl (S)	%			79	39-136	
2-Fluorophenol (S)	%			70	43-96	
Nitrobenzene-d5 (S)	%			63	33-132	
Phenol-d6 (S)	%			69	43-95	
Terphenyl-d14 (S)	%			81	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1210	1060	67	59	42-102	13	26	
1,2-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1060	66	59	45-96	11	31	
1,3-Dichlorobenzene	ug/kg	ND	1800	1800	1180	1040	66	58	44-95	13	31	
1,4-Dichlorobenzene	ug/kg	ND	1800	1800	1190	1040	66	58	45-95	13	30	
2,4,5-Trichlorophenol	ug/kg	ND	1800	1800	1240	1130	69	63	47-109	10	31	
2,4,6-Trichlorophenol	ug/kg	ND	1800	1800	1160	1020	65	57	14-133	13	31	
2,4-Dichlorophenol	ug/kg	ND	1800	1800	1170	1040	65	57	36-111	12	29	
2,4-Dimethylphenol	ug/kg	ND	1800	1800	995	856	55	47	22-113	15	32	
2,4-Dinitrophenol	ug/kg	ND	1800	1800	651J	694J	36	39	10-116		35	
2,4-Dinitrotoluene	ug/kg	ND	1800	1800	1070	1020	60	56	10-133	5	32	
2,6-Dinitrotoluene	ug/kg	ND	1800	1800	1130	1090	63	60	17-125	4	25	
2-Chloronaphthalene	ug/kg	ND	1800	1800	1200	1100	67	61	47-105	9	28	
2-Chlorophenol	ug/kg	ND	1800	1800	1190	1070	66	59	44-100	11	31	
2-Methylnaphthalene	ug/kg	ND	1800	1800	1210	1080	67	60	43-104	11	28	
2-Methylphenol(o-Cresol)	ug/kg	ND	1800	1800	1100	996	61	55	37-105	10	32	
2-Nitroaniline	ug/kg	ND	1800	1800	1070	1010	60	56	44-117	6	28	
2-Nitrophenol	ug/kg	ND	1800	1800	1120	1020	63	57	10-145	10	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1800	1800	1120	1010	63	56	35-108	11	30	
3,3'-Dichlorobenzidine	ug/kg	ND	1800	1800	471J	605J	26	34	10-133		39	
3-Nitroaniline	ug/kg	ND	1800	1800	1070	1120	59	62	10-124	4	27	

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: PINE LAWN
Pace Project No.: 60349457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	800J	793J	44	44	10-123		30	
4-Bromophenylphenyl ether	ug/kg	ND	1800	1800	1240	1110	69	62	47-109	11	33	
4-Chloro-3-methylphenol	ug/kg	ND	1800	1800	1150	1040	64	58	42-109	10	30	
4-Chloroaniline	ug/kg	ND	1800	1800	870	990	48	55	10-94	13	33	
4-Chlorophenylphenyl ether	ug/kg	ND	1800	1800	1230	1120	69	62	46-106	9	33	
4-Nitroaniline	ug/kg	ND	1800	1800	927	916	52	51	11-126	1	47	
4-Nitrophenol	ug/kg	ND	1800	1800	1060J	972J	59	54	18-130		35	
Acenaphthene	ug/kg	ND	1800	1800	1240	1130	69	63	44-104	9	23	
Acenaphthylene	ug/kg	ND	1800	1800	1270	1170	70	65	47-102	8	29	
Anthracene	ug/kg	ND	1800	1800	1200	1100	67	61	39-112	9	30	
Benzo(a)anthracene	ug/kg	ND	1800	1800	1190	1090	66	61	10-139	8	32	
Benzo(a)pyrene	ug/kg	ND	1800	1800	1200	1070	67	59	12-132	11	33	
Benzo(b)fluoranthene	ug/kg	ND	1800	1800	1160	1060	65	59	12-136	9	37	
Benzo(g,h,i)perylene	ug/kg	ND	1800	1800	1180	1070	66	59	22-119	10	41	
Benzo(k)fluoranthene	ug/kg	ND	1800	1800	1210	1090	67	60	32-113	11	32	
Benzoic Acid	ug/kg	ND	1800	1800	614J	406J	34	23	10-101		35	
Benzyl alcohol	ug/kg	ND	1800	1800	1180	1060	66	59	46-103	10	31	
bis(2-Chloroethoxy)methane	ug/kg	ND	1800	1800	1130	1010	63	56	41-100	11	29	
bis(2-Chloroethyl) ether	ug/kg	ND	1800	1800	1160	1040	64	58	46-100	11	32	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1800	1800	1050	950	58	53	40-99	10	29	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1800	1800	1200	1110	67	62	24-141	8	33	
Butylbenzylphthalate	ug/kg	ND	1800	1800	1220	1090	68	60	41-131	12	33	
Carbazole	ug/kg	ND	1800	1800	1140	1030	63	57	41-107	10	30	
Chrysene	ug/kg	ND	1800	1800	1220	1110	68	61	10-137	9	31	
Di-n-butylphthalate	ug/kg	ND	1800	1800	1210	1090	67	60	41-118	11	31	
Di-n-octylphthalate	ug/kg	ND	1800	1800	1260	1140	70	63	40-138	10	29	
Dibenz(a,h)anthracene	ug/kg	ND	1800	1800	1180	1060	66	59	23-122	11	35	
Dibenzofuran	ug/kg	ND	1800	1800	1210	1110	67	62	49-101	8	28	
Diethylphthalate	ug/kg	ND	1800	1800	1210	1100	67	61	42-107	10	31	
Dimethylphthalate	ug/kg	ND	1800	1800	1130	1050	63	58	37-108	8	30	
Fluoranthene	ug/kg	ND	1800	1800	1220	1100	67	61	10-139	10	32	
Fluorene	ug/kg	ND	1800	1800	1210	1140	67	63	43-108	6	32	
Hexachloro-1,3-butadiene	ug/kg	ND	1800	1800	1190	1060	66	59	41-104	12	27	
Hexachlorobenzene	ug/kg	ND	1800	1800	1200	1100	67	61	46-105	9	31	
Hexachlorocyclopentadiene	ug/kg	ND	1800	1800	1060	945	59	52	10-111	12	61	
Hexachloroethane	ug/kg	ND	1800	1800	1110	1000	62	56	11-119	10	34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1800	1800	1190	1060	66	59	21-120	11	38	
Isophorone	ug/kg	ND	1800	1800	1130	1010	63	56	44-97	12	28	
N-Nitroso-di-n-propylamine	ug/kg	ND	1800	1800	1110	994	62	55	37-108	11	30	
N-Nitrosodiphenylamine	ug/kg	ND	1800	1800	1170	1080	65	60	41-108	8	36	
Naphthalene	ug/kg	ND	1800	1800	1200	1050	67	58	40-105	13	31	
Nitrobenzene	ug/kg	ND	1800	1800	1060	958	59	53	35-106	10	29	
Pentachlorophenol	ug/kg	ND	1800	1800	967J	844J	54	47	10-144		35	
Phenanthrene	ug/kg	ND	1800	1800	1210	1090	67	60	43-108	11	29	
Phenol	ug/kg	ND	1800	1800	1170	1040	65	58	38-102	11	29	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747556 2747557

Parameter	Units	60349352005 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	1800	1800	1200	1090	67	60	10-147	10	38	
Pyridine	ug/kg	ND	1800	1800	782	676	43	37	10-79	15	35	
2,4,6-Tribromophenol (S)	%						65	59	41-108			
2-Fluorobiphenyl (S)	%						68	62	39-136			
2-Fluorophenol (S)	%						61	53	43-96			
Nitrobenzene-d5 (S)	%						57	52	33-132			
Phenol-d6 (S)	%						60	53	43-95			
Terphenyl-d14 (S)	%						71	63	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 680409
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2750615 Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/kg	ND	15.0	10/07/20 21:07	
TPH-ORO	mg/kg	ND	15.0	10/07/20 21:07	
2-Fluorobiphenyl (S)	%	82	39-136	10/07/20 21:07	
Nitrobenzene-d5 (S)	%	76	33-132	10/07/20 21:07	
Terphenyl-d14 (S)	%	88	29-131	10/07/20 21:07	

LABORATORY CONTROL SAMPLE: 2750616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/kg	321	258	80	39-122	
2-Fluorobiphenyl (S)	%			88	39-136	
Nitrobenzene-d5 (S)	%			86	33-132	
Terphenyl-d14 (S)	%			95	29-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2750617 2750618

Parameter	Units	60349444006 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	376	365	266	263	71	72	12-137	1	38	
2-Fluorobiphenyl (S)	%						71	74	39-136			
Nitrobenzene-d5 (S)	%						69	72	33-132			
Terphenyl-d14 (S)	%						73	78	29-131			

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349457

QC Batch: 679595
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

METHOD BLANK: 2747795
Matrix: Solid
Associated Lab Samples: 60349457001, 60349457002, 60349457003, 60349457004, 60349457005, 60349457006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	09/29/20 14:17	

SAMPLE DUPLICATE: 2747796

Parameter	Units	60349444001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.2	16.7	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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Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349457

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: 679382

[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.
P3	Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.
S0	Surrogate recovery outside laboratory control limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349457

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349457001	**DPT-26-SO-(24-25)**	EPA 3546	680303	EPA 8082	680550
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 3546	680303	EPA 8082	680550
60349457003	**DPT-27-SO-(29-30)**	EPA 3546	680303	EPA 8082	680550
60349457004	**DPT-28-SO-(29-30)**	EPA 3546	680303	EPA 8082	680550
60349457005	**DPT-29-SO-(0-2)**	EPA 3546	680303	EPA 8082	680550
60349457006	**DPT-29-SO-(29-30)**	EPA 3546	680303	EPA 8082	680550
60349457001	**DPT-26-SO-(24-25)**	EPA 3050	680742	EPA 6010	681110
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 3050	680742	EPA 6010	681110
60349457003	**DPT-27-SO-(29-30)**	EPA 3050	680742	EPA 6010	681110
60349457004	**DPT-28-SO-(29-30)**	EPA 3050	680742	EPA 6010	681110
60349457005	**DPT-29-SO-(0-2)**	EPA 3050	680742	EPA 6010	681110
60349457006	**DPT-29-SO-(29-30)**	EPA 3050	680742	EPA 6010	681110
60349457001	**DPT-26-SO-(24-25)**	EPA 7471	680546	EPA 7471	680822
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 7471	680546	EPA 7471	680822
60349457003	**DPT-27-SO-(29-30)**	EPA 7471	680546	EPA 7471	680822
60349457004	**DPT-28-SO-(29-30)**	EPA 7471	680546	EPA 7471	680822
60349457005	**DPT-29-SO-(0-2)**	EPA 7471	680546	EPA 7471	680822
60349457006	**DPT-29-SO-(29-30)**	EPA 7471	680546	EPA 7471	680822
60349457001	**DPT-26-SO-(24-25)**	EPA 3546	679541	EPA 8270	680630
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 3546	679541	EPA 8270	680630
60349457003	**DPT-27-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349457004	**DPT-28-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349457005	**DPT-29-SO-(0-2)**	EPA 3546	679541	EPA 8270	680630
60349457006	**DPT-29-SO-(29-30)**	EPA 3546	679541	EPA 8270	680630
60349457001	**DPT-26-SO-(24-25)**	EPA 3546	680409	EPA 8270	681072
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 3546	680409	EPA 8270	681072
60349457003	**DPT-27-SO-(29-30)**	EPA 3546	680409	EPA 8270	681072
60349457004	**DPT-28-SO-(29-30)**	EPA 3546	680409	EPA 8270	681072
60349457005	**DPT-29-SO-(0-2)**	EPA 3546	680409	EPA 8270	681072
60349457006	**DPT-29-SO-(29-30)**	EPA 3546	680409	EPA 8270	681072
60349457001	**DPT-26-SO-(24-25)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457003	**DPT-27-SO-(29-30)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457004	**DPT-28-SO-(29-30)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457005	**DPT-29-SO-(0-2)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457006	**DPT-29-SO-(29-30)**	EPA 5035A/5030	680121	EPA 8260B	680210
60349457007	**PINE LAWN-GW-TB8**	EPA 5030B/8260	679382		
60349457001	**DPT-26-SO-(24-25)**	EPA 5035	680122	EPA 8260	680212
60349457002	**DPT-26-SO-(24-25)-FD**	EPA 5035	680122	EPA 8260	680212
60349457003	**DPT-27-SO-(29-30)**	EPA 5035	680122	EPA 8260	680212
60349457004	**DPT-28-SO-(29-30)**	EPA 5035	680122	EPA 8260	680212
60349457005	**DPT-29-SO-(0-2)**	EPA 5035	680122	EPA 8260	680212
60349457006	**DPT-29-SO-(29-30)**	EPA 5035	680122	EPA 8260	680212
60349457001	**DPT-26-SO-(24-25)**	ASTM D2974	679595		
60349457002	**DPT-26-SO-(24-25)-FD**	ASTM D2974	679595		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349457

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349457003	**DPT-27-SO-(29-30)**	ASTM D2974	679595		
60349457004	**DPT-28-SO-(29-30)**	ASTM D2974	679595		
60349457005	**DPT-29-SO-(0-2)**	ASTM D2974	679595		
60349457006	**DPT-29-SO-(29-30)**	ASTM D2974	679595		

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Sample Condition Upon Receipt

WO# : 60349457

60349457

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: _____ **Type of Ice:** Wet Blue None

Cooler Temperature (°C): **As-read** 1.3 **Corr. Factor** -0.4 **Corrected** 0.9

Date and initials of person examining contents:

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	☐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#	☐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	2 DGAH trip blanks
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State: ND	☐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.

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: Pine Lawn
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: MO

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 Thiosulfate	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-26-SO-(24-25)	SL	G	09/24/20	1325				7	4						1	2		X	X	X	X	X	X			60349457
2	DPT-26-SO-(24-25)-FD	SL	G	09/24/20	1325				7	4						1	2		X	X	X	X	X	X			
3	DPT-27-SO-(29-30)	SL	G	09/24/20	1430				7	4						1	2		X	X	X	X	X	X			
4	DPT-28-SO-(29-30)	SL	G	09/24/20	1530				7	4						1	2		X	X	X	X	X	X			
5	DPT-29-SO-(0-2)	SL	G	09/24/20	1536				7	4						1	2		X	X	X	X	X	X			
6	DPT-29-SO-(29-30)	SL	G	09/24/20	1603				7	4						1	2		X	X	X	X	X	X			
7	~~Pine Lawn~~				~~1615~~	E																					
8	Pine Lawn-GW-TBG	WT	G	09/24/20	1621				2				2										X				
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/24/20	1625	(Y) Keller / PACE	9/25/20	0955	0.9	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: Thomas Kaley & Stephanie Carles
SIGNATURE of SAMPLER: Thomas Kaley
DATE Signed (MM/DD/YY): 09/24/20

*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 08, 2020

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

RE: Project: PINE LAWN
Pace Project No.: 60349564

Dear Kaitlyn Mitchell:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 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: PINE LAWN
Pace Project No.: 60349564

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: PINE LAWN
Pace Project No.: 60349564

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60349564001	**DPT-12-GW-(24-29)**	Water	09/25/20 08:40	09/26/20 05:30
60349564002	**DPT-12-GW-(24-29)-FD**	Water	09/25/20 08:40	09/26/20 05:30
60349564003	**PINE LAWN-FB5**	Water	09/25/20 10:15	09/26/20 05:30
60349564004	**DPT-20-GW-(25-30)**	Water	09/25/20 10:49	09/26/20 05:30
60349564005	**DPT-20-GW-(25-30)-FD**	Water	09/25/20 10:49	09/26/20 05:30
60349564006	**PINE LAWN-GW-TB10**	Water	09/25/20 11:35	09/26/20 05:30

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349564

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60349564001	**DPT-12-GW-(24-29)**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349564002	**DPT-12-GW-(24-29)-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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349564003	**PINE LAWN-FB5**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349564004	**DPT-20-GW-(25-30)**	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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 8082	AJB1	8	PASI-K

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SAMPLE ANALYTE COUNT

Project: PINE LAWN
Pace Project No.: 60349564

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	NAW	5	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	CJC	69	PASI-K
		EPA 8260	DTB	5	PASI-K
60349564006	**PINE LAWN-GW-TB10**	EPA 5030B/8260	CJC	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29) **Lab ID: 60349564001** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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	0.95	1	10/05/20 13:24	10/05/20 15:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 15:46	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	30-136	1	10/05/20 13:24	10/05/20 15:46	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**92.7**	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:47	7440-38-2	M1
Barium	**13900**	ug/L	10.0	2	10/06/20 07:00	10/07/20 14:40	7440-39-3	M1
Cadmium	**9.0**	ug/L	5.0	1	10/06/20 07:00	10/06/20 19:47	7440-43-9	
Chromium	**528**	ug/L	10.0	2	10/06/20 07:00	10/07/20 14:40	7440-47-3	
Lead	**469**	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:47	7439-92-1	M1
Selenium	**33.4**	ug/L	30.0	2	10/06/20 07:00	10/07/20 14:40	7782-49-2	M1
Silver	ND	ug/L	14.0	2	10/06/20 07:00	10/07/20 14:40	7440-22-4	D3
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	10/06/20 07:00	10/06/20 16:49	7440-38-2	
Barium, Dissolved	**372**	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:49	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:49	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:49	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 16:49	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 16:49	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 16:49	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**2.1**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:19	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	09/29/20 14:13	10/01/20 10:36	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	09/30/20 23:58	10/08/20 02:20		
TPH-DRO	**1.0**	mg/L	1.0	1	09/30/20 23:58	10/08/20 02:20		
Surrogates								
Nitrobenzene-d5 (S)	72	%	27-106	1	09/30/20 23:58	10/08/20 02:20	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-108	1	09/30/20 23:58	10/08/20 02:20	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29) **Lab ID: 60349564001** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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)	84	%	34-129	1	09/30/20 23:58	10/08/20 02:20	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	83-32-9	
Acenaphthylene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	208-96-8	
Anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	56-55-3	
Benzo(a)pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	207-08-9	
Benzoic Acid	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	65-85-0	
Benzyl alcohol	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	101-55-3	
Butylbenzylphthalate	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	85-68-7	
Carbazole	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	59-50-7	
4-Chloroaniline	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	108-60-1	
2-Chloronaphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	91-58-7	
2-Chlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	7005-72-3	
Chrysene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	53-70-3	
Dibenzofuran	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	91-94-1	
2,4-Dichlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	120-83-2	
Diethylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	84-66-2	
2,4-Dimethylphenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	105-67-9	
Dimethylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	131-11-3	
Di-n-butylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	534-52-1	
2,4-Dinitrophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	606-20-2	
Di-n-octylphthalate	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	25.0	1	09/30/20 15:38	10/05/20 11:23	117-81-7	
Fluoranthene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	206-44-0	
Fluorene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	86-73-7	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29) **Lab ID: 60349564001** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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	12.5	1	09/30/20 15:38	10/05/20 11:23	87-68-3	
Hexachlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	77-47-4	
Hexachloroethane	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	193-39-5	
Isophorone	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	78-59-1	
2-Methylnaphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	15831-10-4	
Naphthalene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	91-20-3	
2-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	88-74-4	
3-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	99-09-2	
4-Nitroaniline	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	100-01-6	
Nitrobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	98-95-3	
2-Nitrophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	88-75-5	
4-Nitrophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	86-30-6	
Pentachlorophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	87-86-5	
Phenanthrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	85-01-8	
Phenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	108-95-2	
Pyrene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	129-00-0	
Pyridine	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	62.5	1	09/30/20 15:38	10/05/20 11:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	12.5	1	09/30/20 15:38	10/05/20 11:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	20	%	27-106	1	09/30/20 15:38	10/05/20 11:23	4165-60-0	2e
2-Fluorobiphenyl (S)	22	%	29-108	1	09/30/20 15:38	10/05/20 11:23	321-60-8	2e
Terphenyl-d14 (S)	52	%	34-129	1	09/30/20 15:38	10/05/20 11:23	1718-51-0	
Phenol-d6 (S)	19	%	10-44	1	09/30/20 15:38	10/05/20 11:23	13127-88-3	
2-Fluorophenol (S)	21	%	11-64	1	09/30/20 15:38	10/05/20 11:23	367-12-4	
2,4,6-Tribromophenol (S)	34	%	16-114	1	09/30/20 15:38	10/05/20 11:23	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**13.4**	ug/L	10.0	1		09/29/20 11:09	67-64-1	
Benzene	**7.1**	ug/L	1.0	1		09/29/20 11:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 11:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 11:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 11:09	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 11:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 11:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 11:09	78-93-3	
n-Butylbenzene	**7.2**	ug/L	1.0	1		09/29/20 11:09	104-51-8	
sec-Butylbenzene	**5.2**	ug/L	1.0	1		09/29/20 11:09	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29) **Lab ID: 60349564001** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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		09/29/20 11:09	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 11:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 11:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 11:09	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 11:09	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 11:09	74-87-3	
2-Chlorotoluene	**1.0**	ug/L	1.0	1		09/29/20 11:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 11:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 11:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 11:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 11:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 11:09	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 11:09	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:09	10061-02-6	
Ethylbenzene	**38.4**	ug/L	1.0	1		09/29/20 11:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 11:09	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 11:09	591-78-6	
Isopropylbenzene (Cumene)	**20.8**	ug/L	1.0	1		09/29/20 11:09	98-82-8	
p-Isopropyltoluene	**4.6**	ug/L	1.0	1		09/29/20 11:09	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 11:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 11:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 11:09	1634-04-4	
Naphthalene	**17.6**	ug/L	10.0	1		09/29/20 11:09	91-20-3	
n-Propylbenzene	**21.4**	ug/L	1.0	1		09/29/20 11:09	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 11:09	127-18-4	
Toluene	**5.6**	ug/L	1.0	1		09/29/20 11:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:09	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29) **Lab ID: 60349564001** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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		09/29/20 11:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 11:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 11:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 11:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 11:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 11:09	75-01-4	
Xylene (Total)	**14.0**	ug/L	3.0	1		09/29/20 11:09	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		09/29/20 11:09	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117	1		09/29/20 11:09	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		09/29/20 11:09	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 11:09		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	**2680**	ug/L	2500	5		09/30/20 19:11		
Surrogates								
Toluene-d8 (S)	105	%	80-120	5		09/30/20 19:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	5		09/30/20 19:11	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	86-117	5		09/30/20 19:11	17060-07-0	
Preservation pH	**1.0**		0.10	5		09/30/20 19:11		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29)-FD **Lab ID: 60349564002** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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	10/05/20 13:24	10/05/20 15:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 15:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	30-136	1	10/05/20 13:24	10/05/20 15:54	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**101**	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:55	7440-38-2	
Barium	**12600**	ug/L	10.0	2	10/06/20 07:00	10/07/20 14:56	7440-39-3	
Cadmium	**7.7**	ug/L	5.0	1	10/06/20 07:00	10/06/20 19:55	7440-43-9	
Chromium	**519**	ug/L	10.0	2	10/06/20 07:00	10/07/20 14:56	7440-47-3	
Lead	**480**	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:55	7439-92-1	
Selenium	**36.1**	ug/L	30.0	2	10/06/20 07:00	10/07/20 14:56	7782-49-2	
Silver	ND	ug/L	21.0	3	10/06/20 07:00	10/07/20 15:15	7440-22-4	D3
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	10/06/20 07:00	10/06/20 16:57	7440-38-2	
Barium, Dissolved	**373**	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:57	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:57	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 16:57	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 16:57	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 16:57	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 16:57	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**1.9**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:26	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	09/29/20 14:13	10/01/20 10:38	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	1.2	1	09/30/20 23:58	10/08/20 02:39		
TPH-DRO	**1.4**	mg/L	1.2	1	09/30/20 23:58	10/08/20 02:39		
Surrogates								
Nitrobenzene-d5 (S)	73	%	27-106	1	09/30/20 23:58	10/08/20 02:39	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-108	1	09/30/20 23:58	10/08/20 02:39	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29)-FD **Lab ID: 60349564002** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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)	85	%	34-129	1	09/30/20 23:58	10/08/20 02:39	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	83-32-9	
Acenaphthylene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	208-96-8	
Anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	207-08-9	
Benzoic Acid	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	65-85-0	
Benzyl alcohol	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	85-68-7	
Carbazole	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	59-50-7	
4-Chloroaniline	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	108-60-1	
2-Chloronaphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	91-58-7	
2-Chlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	7005-72-3	
Chrysene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	53-70-3	
Dibenzofuran	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	120-83-2	
Diethylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	105-67-9	
Dimethylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 11:45	117-81-7	
Fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	206-44-0	
Fluorene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29)-FD **Lab ID: 60349564002** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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	11.1	1	09/30/20 15:38	10/05/20 11:45	87-68-3	
Hexachlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	77-47-4	
Hexachloroethane	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	193-39-5	
Isophorone	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	15831-10-4	
Naphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	91-20-3	
2-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	88-74-4	
3-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	99-09-2	
4-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	100-01-6	
Nitrobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	98-95-3	
2-Nitrophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	88-75-5	
4-Nitrophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	86-30-6	
Pentachlorophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	87-86-5	
Phenanthrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	85-01-8	
Phenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	108-95-2	
Pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	129-00-0	
Pyridine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 11:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 11:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	19	%	27-106	1	09/30/20 15:38	10/05/20 11:45	4165-60-0	2e
2-Fluorobiphenyl (S)	22	%	29-108	1	09/30/20 15:38	10/05/20 11:45	321-60-8	2e
Terphenyl-d14 (S)	58	%	34-129	1	09/30/20 15:38	10/05/20 11:45	1718-51-0	
Phenol-d6 (S)	22	%	10-44	1	09/30/20 15:38	10/05/20 11:45	13127-88-3	
2-Fluorophenol (S)	24	%	11-64	1	09/30/20 15:38	10/05/20 11:45	367-12-4	
2,4,6-Tribromophenol (S)	37	%	16-114	1	09/30/20 15:38	10/05/20 11:45	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/29/20 11:24	67-64-1	
Benzene	**6.5**	ug/L	1.0	1		09/29/20 11:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 11:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 11:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 11:24	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 11:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 11:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 11:24	78-93-3	
n-Butylbenzene	**4.3**	ug/L	1.0	1		09/29/20 11:24	104-51-8	
sec-Butylbenzene	**3.1**	ug/L	1.0	1		09/29/20 11:24	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29)-FD **Lab ID: 60349564002** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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		09/29/20 11:24	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 11:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 11:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 11:24	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 11:24	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 11:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 11:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 11:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 11:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 11:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 11:24	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 11:24	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:24	10061-02-6	
Ethylbenzene	**30.4**	ug/L	1.0	1		09/29/20 11:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 11:24	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 11:24	591-78-6	
Isopropylbenzene (Cumene)	**14.4**	ug/L	1.0	1		09/29/20 11:24	98-82-8	
p-Isopropyltoluene	**2.6**	ug/L	1.0	1		09/29/20 11:24	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 11:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 11:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 11:24	1634-04-4	
Naphthalene	**14.6**	ug/L	10.0	1		09/29/20 11:24	91-20-3	
n-Propylbenzene	**13.2**	ug/L	1.0	1		09/29/20 11:24	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 11:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 11:24	127-18-4	
Toluene	**4.8**	ug/L	1.0	1		09/29/20 11:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:24	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-12-GW-(24-29)-FD **Lab ID: 60349564002** Collected: 09/25/20 08:40 Received: 09/26/20 05:30 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		09/29/20 11:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 11:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 11:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 11:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 11:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 11:24	75-01-4	
Xylene (Total)	**10.9**	ug/L	3.0	1		09/29/20 11:24	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		09/29/20 11:24	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117	1		09/29/20 11:24	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		09/29/20 11:24	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 11:24		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	**2490**	ug/L	500	1		09/30/20 19:26		
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		09/30/20 19:26	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1		09/30/20 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-117	1		09/30/20 19:26	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/30/20 19:26		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-FB5 **Lab ID: 60349564003** Collected: 09/25/20 10:15 Received: 09/26/20 05:30 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	10/05/20 13:24	10/05/20 16:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:01	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	30-136	1	10/05/20 13:24	10/05/20 16:01	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:57	7440-38-2	
Barium	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 19:57	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 19:57	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 19:57	7440-47-3	
Lead	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 19:57	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 19:57	7782-49-2	
Silver	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 19:57	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	10/06/20 07:00	10/06/20 17:00	7440-38-2	
Barium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:00	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:00	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:00	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 17:00	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 17:00	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 17:00	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	ND	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:28	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	09/29/20 14:13	10/01/20 10:40	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	09/30/20 23:58	10/08/20 02:59		
TPH-DRO	ND	mg/L	1.0	1	09/30/20 23:58	10/08/20 02:59		
Surrogates								
Nitrobenzene-d5 (S)	72	%	27-106	1	09/30/20 23:58	10/08/20 02:59	4165-60-0	
2-Fluorobiphenyl (S)	74	%	29-108	1	09/30/20 23:58	10/08/20 02:59	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-FB5 **Lab ID: 60349564003** Collected: 09/25/20 10:15 Received: 09/26/20 05:30 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)	74	%	34-129	1	09/30/20 23:58	10/08/20 02:59	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	83-32-9	
Acenaphthylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	208-96-8	
Anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	207-08-9	
Benzoic Acid	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	65-85-0	
Benzyl alcohol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	85-68-7	
Carbazole	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	59-50-7	
4-Chloroaniline	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	108-60-1	
2-Chloronaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	91-58-7	
2-Chlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	7005-72-3	
Chrysene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	53-70-3	
Dibenzofuran	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	120-83-2	
Diethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	105-67-9	
Dimethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:08	117-81-7	
Fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	206-44-0	
Fluorene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-FB5 **Lab ID: 60349564003** Collected: 09/25/20 10:15 Received: 09/26/20 05:30 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	9.5	1	09/30/20 15:38	10/05/20 12:08	87-68-3	
Hexachlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	77-47-4	
Hexachloroethane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	193-39-5	
Isophorone	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	15831-10-4	
Naphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	91-20-3	
2-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	88-74-4	
3-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	99-09-2	
4-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	100-01-6	
Nitrobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	98-95-3	
2-Nitrophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	88-75-5	
4-Nitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	86-30-6	
Pentachlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	87-86-5	
Phenanthrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	85-01-8	
Phenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	108-95-2	
Pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	129-00-0	
Pyridine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	38	%	27-106	1	09/30/20 15:38	10/05/20 12:08	4165-60-0	
2-Fluorobiphenyl (S)	39	%	29-108	1	09/30/20 15:38	10/05/20 12:08	321-60-8	
Terphenyl-d14 (S)	72	%	34-129	1	09/30/20 15:38	10/05/20 12:08	1718-51-0	
Phenol-d6 (S)	27	%	10-44	1	09/30/20 15:38	10/05/20 12:08	13127-88-3	
2-Fluorophenol (S)	32	%	11-64	1	09/30/20 15:38	10/05/20 12:08	367-12-4	
2,4,6-Tribromophenol (S)	48	%	16-114	1	09/30/20 15:38	10/05/20 12:08	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	1		09/29/20 11:39	67-64-1	
Benzene	ND	ug/L	1.0	1		09/29/20 11:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 11:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 11:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 11:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 11:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 11:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 11:39	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-FB5 **Lab ID: 60349564003** Collected: 09/25/20 10:15 Received: 09/26/20 05:30 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		09/29/20 11:39	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 11:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 11:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 11:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 11:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 11:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 11:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 11:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 11:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 11:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 11:39	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 11:39	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 11:39	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 11:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/29/20 11:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 11:39	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 11:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 11:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 11:39	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 11:39	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 11:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 11:39	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 11:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:39	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-FB5 **Lab ID: 60349564003** Collected: 09/25/20 10:15 Received: 09/26/20 05:30 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		09/29/20 11:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 11:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 11:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 11:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 11:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 11:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 11:39	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		09/29/20 11:39	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117	1		09/29/20 11:39	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		09/29/20 11:39	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 11:39		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/30/20 19:41		
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		09/30/20 19:41	2037-26-5	
4-Bromofluorobenzene (S)	93	%	80-120	1		09/30/20 19:41	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	86-117	1		09/30/20 19:41	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/30/20 19:41		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30) **Lab ID: 60349564004** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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	0.95	1	10/05/20 13:24	10/05/20 16:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.95	1	10/05/20 13:24	10/05/20 16:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	85	%	30-136	1	10/05/20 13:24	10/05/20 16:08	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**46.2**	ug/L	10.0	1	10/06/20 07:00	10/06/20 20:00	7440-38-2	
Barium	**1820**	ug/L	5.0	1	10/06/20 07:00	10/06/20 20:00	7440-39-3	
Cadmium	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 20:00	7440-43-9	
Chromium	**227**	ug/L	5.0	1	10/06/20 07:00	10/06/20 20:00	7440-47-3	
Lead	**178**	ug/L	10.0	1	10/06/20 07:00	10/06/20 20:00	7439-92-1	
Selenium	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 20:00	7782-49-2	
Silver	ND	ug/L	14.0	2	10/06/20 07:00	10/08/20 07:54	7440-22-4	D3
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	10/06/20 07:00	10/06/20 17:02	7440-38-2	
Barium, Dissolved	**493**	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:02	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:02	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:02	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 17:02	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 17:02	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 17:02	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**0.47**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:31	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	09/29/20 14:13	10/01/20 10:43	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	1.1	1	09/30/20 23:58	10/08/20 03:19		
TPH-DRO	ND	mg/L	1.1	1	09/30/20 23:58	10/08/20 03:19		
Surrogates								
Nitrobenzene-d5 (S)	69	%	27-106	1	09/30/20 23:58	10/08/20 03:19	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-108	1	09/30/20 23:58	10/08/20 03:19	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30) **Lab ID: 60349564004** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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)	78	%	34-129	1	09/30/20 23:58	10/08/20 03:19	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	83-32-9	
Acenaphthylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	208-96-8	
Anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	207-08-9	
Benzoic Acid	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	65-85-0	
Benzyl alcohol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	85-68-7	
Carbazole	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	59-50-7	
4-Chloroaniline	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	108-60-1	
2-Chloronaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	91-58-7	
2-Chlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	7005-72-3	
Chrysene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	53-70-3	
Dibenzofuran	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	120-83-2	
Diethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	105-67-9	
Dimethylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	19.0	1	09/30/20 15:38	10/05/20 12:31	117-81-7	
Fluoranthene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	206-44-0	
Fluorene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30) **Lab ID: 60349564004** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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	9.5	1	09/30/20 15:38	10/05/20 12:31	87-68-3	
Hexachlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	77-47-4	
Hexachloroethane	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	193-39-5	
Isophorone	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	15831-10-4	
Naphthalene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	91-20-3	
2-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	88-74-4	
3-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	99-09-2	
4-Nitroaniline	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	100-01-6	
Nitrobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	98-95-3	
2-Nitrophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	88-75-5	
4-Nitrophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	86-30-6	
Pentachlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	87-86-5	
Phenanthrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	85-01-8	
Phenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	108-95-2	
Pyrene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	129-00-0	
Pyridine	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	47.6	1	09/30/20 15:38	10/05/20 12:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.5	1	09/30/20 15:38	10/05/20 12:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%	27-106	1	09/30/20 15:38	10/05/20 12:31	4165-60-0	
2-Fluorobiphenyl (S)	63	%	29-108	1	09/30/20 15:38	10/05/20 12:31	321-60-8	
Terphenyl-d14 (S)	116	%	34-129	1	09/30/20 15:38	10/05/20 12:31	1718-51-0	
Phenol-d6 (S)	31	%	10-44	1	09/30/20 15:38	10/05/20 12:31	13127-88-3	
2-Fluorophenol (S)	38	%	11-64	1	09/30/20 15:38	10/05/20 12:31	367-12-4	
2,4,6-Tribromophenol (S)	95	%	16-114	1	09/30/20 15:38	10/05/20 12:31	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**11.9**	ug/L	10.0	1		09/29/20 11:55	67-64-1	
Benzene	**1.2**	ug/L	1.0	1		09/29/20 11:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 11:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 11:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 11:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 11:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 11:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 11:55	78-93-3	
n-Butylbenzene	**4.2**	ug/L	1.0	1		09/29/20 11:55	104-51-8	
sec-Butylbenzene	**2.0**	ug/L	1.0	1		09/29/20 11:55	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30) **Lab ID: 60349564004** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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		09/29/20 11:55	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 11:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 11:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 11:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 11:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 11:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 11:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 11:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 11:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 11:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 11:55	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 11:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 11:55	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 11:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 11:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 11:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 11:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 11:55	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 11:55	591-78-6	
Isopropylbenzene (Cumene)	**8.2**	ug/L	1.0	1		09/29/20 11:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 11:55	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 11:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 11:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 11:55	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 11:55	91-20-3	
n-Propylbenzene	**20.5**	ug/L	1.0	1		09/29/20 11:55	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 11:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 11:55	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 11:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 11:55	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30) **Lab ID: 60349564004** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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		09/29/20 11:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 11:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 11:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 11:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 11:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 11:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 11:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 11:55	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	92	%	80-120	1		09/29/20 11:55	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-117	1		09/29/20 11:55	17060-07-0	
Toluene-d8 (S)	93	%	80-120	1		09/29/20 11:55	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 11:55		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/30/20 19:56		
Surrogates								
Toluene-d8 (S)	103	%	80-120	1		09/30/20 19:56	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	1		09/30/20 19:56	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	86-117	1		09/30/20 19:56	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/30/20 19:56		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30)-FD **Lab ID: 60349564005** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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	10/05/20 13:24	10/05/20 16:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	1.0	1	10/05/20 13:24	10/05/20 16:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79	%	30-136	1	10/05/20 13:24	10/05/20 16:16	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Kansas City							
Arsenic	**68.0**	ug/L	10.0	1	10/06/20 07:00	10/06/20 20:02	7440-38-2	
Barium	**12800**	ug/L	10.0	2	10/06/20 07:00	10/07/20 14:58	7440-39-3	
Cadmium	**7.3**	ug/L	5.0	1	10/06/20 07:00	10/06/20 20:02	7440-43-9	
Chromium	**864**	ug/L	15.0	3	10/06/20 07:00	10/07/20 16:24	7440-47-3	
Lead	**477**	ug/L	10.0	1	10/06/20 07:00	10/06/20 20:02	7439-92-1	
Selenium	ND	ug/L	45.0	3	10/06/20 07:00	10/07/20 16:24	7782-49-2	D3
Silver	ND	ug/L	21.0	3	10/06/20 07:00	10/07/20 16:24	7440-22-4	D3
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	10/06/20 07:00	10/06/20 17:05	7440-38-2	
Barium, Dissolved	**501**	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:05	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:05	7440-43-9	
Chromium, Dissolved	ND	ug/L	5.0	1	10/06/20 07:00	10/06/20 17:05	7440-47-3	
Lead, Dissolved	ND	ug/L	10.0	1	10/06/20 07:00	10/06/20 17:05	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	10/06/20 07:00	10/06/20 17:05	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	10/06/20 07:00	10/06/20 17:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Kansas City							
Mercury	**4.4**	ug/L	0.20	1	09/29/20 14:13	10/01/20 11:33	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	09/29/20 14:13	10/01/20 10:45	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	1.2	1	09/30/20 23:58	10/08/20 03:38		
TPH-DRO	ND	mg/L	1.2	1	09/30/20 23:58	10/08/20 03:38		
Surrogates								
Nitrobenzene-d5 (S)	70	%	27-106	1	09/30/20 23:58	10/08/20 03:38	4165-60-0	
2-Fluorobiphenyl (S)	73	%	29-108	1	09/30/20 23:58	10/08/20 03:38	321-60-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30)-FD **Lab ID: 60349564005** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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)	79	%	34-129	1	09/30/20 23:58	10/08/20 03:38	1718-51-0	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Kansas City							
Acenaphthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	83-32-9	
Acenaphthylene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	208-96-8	
Anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	207-08-9	
Benzoic Acid	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	65-85-0	
Benzyl alcohol	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	101-55-3	
Butylbenzylphthalate	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	85-68-7	
Carbazole	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	59-50-7	
4-Chloroaniline	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	108-60-1	
2-Chloronaphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	91-58-7	
2-Chlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	7005-72-3	
Chrysene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	53-70-3	
Dibenzofuran	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	120-83-2	
Diethylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	105-67-9	
Dimethylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	22.2	1	09/30/20 15:38	10/05/20 12:54	117-81-7	
Fluoranthene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	206-44-0	
Fluorene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	86-73-7	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30)-FD **Lab ID: 60349564005** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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	11.1	1	09/30/20 15:38	10/05/20 12:54	87-68-3	
Hexachlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	77-47-4	
Hexachloroethane	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	193-39-5	
Isophorone	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	15831-10-4	
Naphthalene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	91-20-3	
2-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	88-74-4	
3-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	99-09-2	
4-Nitroaniline	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	100-01-6	
Nitrobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	98-95-3	
2-Nitrophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	88-75-5	
4-Nitrophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	86-30-6	
Pentachlorophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	87-86-5	
Phenanthrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	85-01-8	
Phenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	108-95-2	
Pyrene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	129-00-0	
Pyridine	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	110-86-1	L2
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	55.6	1	09/30/20 15:38	10/05/20 12:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	09/30/20 15:38	10/05/20 12:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	16	%	27-106	1	09/30/20 15:38	10/05/20 12:54	4165-60-0	2e
2-Fluorobiphenyl (S)	15	%	29-108	1	09/30/20 15:38	10/05/20 12:54	321-60-8	2e
Terphenyl-d14 (S)	23	%	34-129	1	09/30/20 15:38	10/05/20 12:54	1718-51-0	2e
Phenol-d6 (S)	23	%	10-44	1	09/30/20 15:38	10/05/20 12:54	13127-88-3	
2-Fluorophenol (S)	26	%	11-64	1	09/30/20 15:38	10/05/20 12:54	367-12-4	
2,4,6-Tribromophenol (S)	16	%	16-114	1	09/30/20 15:38	10/05/20 12:54	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - Kansas City							
Acetone	**19.7**	ug/L	10.0	1		09/29/20 12:10	67-64-1	
Benzene	**4.9**	ug/L	1.0	1		09/29/20 12:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 12:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 12:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 12:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 12:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 12:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 12:10	78-93-3	
n-Butylbenzene	**3.7**	ug/L	1.0	1		09/29/20 12:10	104-51-8	
sec-Butylbenzene	**2.0**	ug/L	1.0	1		09/29/20 12:10	135-98-8	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30)-FD **Lab ID: 60349564005** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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		09/29/20 12:10	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 12:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 12:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 12:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 12:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 12:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 12:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 12:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 12:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 12:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 12:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 12:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 12:10	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 12:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 12:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 12:10	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 12:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 12:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 12:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 12:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 12:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 12:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 12:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 12:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 12:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 12:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 12:10	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 12:10	591-78-6	
Isopropylbenzene (Cumene)	**12.3**	ug/L	1.0	1		09/29/20 12:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 12:10	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 12:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 12:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/29/20 12:10	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 12:10	91-20-3	
n-Propylbenzene	**30.0**	ug/L	1.0	1		09/29/20 12:10	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 12:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 12:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 12:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 12:10	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 12:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 12:10	120-82-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: DPT-20-GW-(25-30)-FD **Lab ID: 60349564005** Collected: 09/25/20 10:49 Received: 09/26/20 05:30 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		09/29/20 12:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 12:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 12:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 12:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 12:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 12:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 12:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 12:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 12:10	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	1		09/29/20 12:10	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-117	1		09/29/20 12:10	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		09/29/20 12:10	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 12:10		
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	ug/L	500	1		09/30/20 20:11		
Surrogates								
Toluene-d8 (S)	104	%	80-120	1		09/30/20 20:11	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1		09/30/20 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	86-117	1		09/30/20 20:11	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/30/20 20:11		

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-GW-TB10 **Lab ID: 60349564006** Collected: 09/25/20 11:35 Received: 09/26/20 05:30 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		09/29/20 10:53	67-64-1	
Benzene	ND	ug/L	1.0	1		09/29/20 10:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		09/29/20 10:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/20 10:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/29/20 10:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/29/20 10:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/29/20 10:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		09/29/20 10:53	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		09/29/20 10:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/29/20 10:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/20 10:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/20 10:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/29/20 10:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 10:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		09/29/20 10:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		09/29/20 10:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		09/29/20 10:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/29/20 10:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/20 10:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/20 10:53	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		09/29/20 10:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/29/20 10:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		09/29/20 10:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/29/20 10:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 10:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/29/20 10:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 10:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/29/20 10:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/20 10:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		09/29/20 10:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 10:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/29/20 10:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/20 10:53	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		09/29/20 10:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/29/20 10:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		09/29/20 10:53	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		09/29/20 10:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/29/20 10:53	108-10-1	

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ANALYTICAL RESULTS

Project: PINE LAWN
Pace Project No.: 60349564

Sample: PINE LAWN-GW-TB10 **Lab ID: 60349564006** Collected: 09/25/20 11:35 Received: 09/26/20 05:30 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		09/29/20 10:53	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		09/29/20 10:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	103-65-1	
Styrene	ND	ug/L	1.0	1		09/29/20 10:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 10:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/29/20 10:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/29/20 10:53	127-18-4	
Toluene	ND	ug/L	1.0	1		09/29/20 10:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/29/20 10:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/29/20 10:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/29/20 10:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/29/20 10:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/29/20 10:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		09/29/20 10:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/29/20 10:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/29/20 10:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/29/20 10:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		09/29/20 10:53	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117	1		09/29/20 10:53	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		09/29/20 10:53	2037-26-5	
Preservation pH	**1.0**		0.10	1		09/29/20 10:53		

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679620
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2747878
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/01/20 10:47	

LABORATORY CONTROL SAMPLE: 2747879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747880 2747881

Parameter	Units	60349231003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.3	5.0	106	100	75-125	6	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679617
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury ,Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2747874 Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	10/01/20 09:57	

LABORATORY CONTROL SAMPLE: 2747875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2747876 2747877

Parameter	Units	60349234004 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	4.7	4.6	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 680870
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2752460 Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	10/06/20 19:34	
Barium	ug/L	ND	5.0	10/06/20 19:34	
Cadmium	ug/L	ND	5.0	10/06/20 19:34	
Chromium	ug/L	ND	5.0	10/06/20 19:34	
Lead	ug/L	ND	10.0	10/06/20 19:34	
Selenium	ug/L	ND	15.0	10/06/20 19:34	
Silver	ug/L	ND	7.0	10/06/20 19:34	

LABORATORY CONTROL SAMPLE: 2752461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	965	97	80-120	
Barium	ug/L	1000	952	95	80-120	
Cadmium	ug/L	1000	1040	104	80-120	
Chromium	ug/L	1000	932	93	80-120	
Lead	ug/L	1000	1040	104	80-120	
Selenium	ug/L	1000	1030	103	80-120	
Silver	ug/L	500	467	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752462 2752463

Parameter	Units	60349564001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	92.7	1000	1000	678	680	59	59	75-125	0	20	M1
Barium	ug/L	13900	1000	1000	15300	15300	142	136	75-125	0	20	M1
Cadmium	ug/L	9.0	1000	1000	781	792	77	78	75-125	2	20	
Chromium	ug/L	528	1000	1000	1580	1510	105	99	75-125	4	20	
Lead	ug/L	469	1000	1000	1210	1200	74	73	75-125	1	20	M1
Selenium	ug/L	33.4	1000	1000	586	595	55	56	75-125	2	20	M1
Silver	ug/L	ND	500	500	403	406	81	81	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 680871
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2752464 Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	10/06/20 16:44	
Barium, Dissolved	ug/L	ND	5.0	10/06/20 16:44	
Cadmium, Dissolved	ug/L	ND	5.0	10/06/20 16:44	
Chromium, Dissolved	ug/L	ND	5.0	10/06/20 16:44	
Lead, Dissolved	ug/L	ND	10.0	10/06/20 16:44	
Selenium, Dissolved	ug/L	ND	15.0	10/06/20 16:44	
Silver, Dissolved	ug/L	ND	7.0	10/06/20 16:44	

LABORATORY CONTROL SAMPLE: 2752465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	977	98	80-120	
Barium, Dissolved	ug/L	1000	970	97	80-120	
Cadmium, Dissolved	ug/L	1000	994	99	80-120	
Chromium, Dissolved	ug/L	1000	979	98	80-120	
Lead, Dissolved	ug/L	1000	1020	102	80-120	
Selenium, Dissolved	ug/L	1000	989	99	80-120	
Silver, Dissolved	ug/L	500	489	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2752466 2752467

Parameter	Units	60349564001 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	1000	1020	100	101	75-125	1	20	
Barium, Dissolved	ug/L	372	1000	1000	1340	1360	96	99	75-125	2	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	1000	1010	100	101	75-125	1	20	
Chromium, Dissolved	ug/L	ND	1000	1000	979	991	98	99	75-125	1	20	
Lead, Dissolved	ug/L	ND	1000	1000	1000	1010	100	100	75-125	1	20	
Selenium, Dissolved	ug/L	ND	1000	1000	1010	1010	101	101	75-125	1	20	
Silver, Dissolved	ug/L	ND	500	500	487	493	97	99	75-125	1	20	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679540
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: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005, 60349564006

METHOD BLANK: 2747552
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005, 60349564006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,1-Dichloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,1-Dichloroethene	ug/L	ND	1.0	09/29/20 10:38	
1,1-Dichloropropene	ug/L	ND	1.0	09/29/20 10:38	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
1,2,3-Trichloropropane	ug/L	ND	2.5	09/29/20 10:38	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/29/20 10:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	09/29/20 10:38	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/29/20 10:38	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
1,2-Dichloroethane	ug/L	ND	1.0	09/29/20 10:38	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	09/29/20 10:38	
1,2-Dichloropropane	ug/L	ND	1.0	09/29/20 10:38	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/29/20 10:38	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
1,3-Dichloropropane	ug/L	ND	1.0	09/29/20 10:38	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
2,2-Dichloropropane	ug/L	ND	1.0	09/29/20 10:38	
2-Butanone (MEK)	ug/L	ND	10.0	09/29/20 10:38	
2-Chlorotoluene	ug/L	ND	1.0	09/29/20 10:38	
2-Hexanone	ug/L	ND	10.0	09/29/20 10:38	
4-Chlorotoluene	ug/L	ND	1.0	09/29/20 10:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/29/20 10:38	
Acetone	ug/L	ND	10.0	09/29/20 10:38	
Benzene	ug/L	ND	1.0	09/29/20 10:38	
Bromobenzene	ug/L	ND	1.0	09/29/20 10:38	
Bromochloromethane	ug/L	ND	1.0	09/29/20 10:38	
Bromodichloromethane	ug/L	ND	1.0	09/29/20 10:38	
Bromoform	ug/L	ND	1.0	09/29/20 10:38	
Bromomethane	ug/L	ND	5.0	09/29/20 10:38	
Carbon disulfide	ug/L	ND	5.0	09/29/20 10:38	
Carbon tetrachloride	ug/L	ND	1.0	09/29/20 10:38	
Chlorobenzene	ug/L	ND	1.0	09/29/20 10:38	
Chloroethane	ug/L	ND	1.0	09/29/20 10:38	
Chloroform	ug/L	ND	1.0	09/29/20 10:38	
Chloromethane	ug/L	ND	1.0	09/29/20 10:38	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

METHOD BLANK: 2747552 Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005, 60349564006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 10:38	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 10:38	
Dibromochloromethane	ug/L	ND	1.0	09/29/20 10:38	
Dibromomethane	ug/L	ND	1.0	09/29/20 10:38	
Dichlorodifluoromethane	ug/L	ND	1.0	09/29/20 10:38	
Ethylbenzene	ug/L	ND	1.0	09/29/20 10:38	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/29/20 10:38	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/29/20 10:38	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/29/20 10:38	
Methylene Chloride	ug/L	ND	1.0	09/29/20 10:38	
n-Butylbenzene	ug/L	ND	1.0	09/29/20 10:38	
n-Propylbenzene	ug/L	ND	1.0	09/29/20 10:38	
Naphthalene	ug/L	ND	10.0	09/29/20 10:38	
p-Isopropyltoluene	ug/L	ND	1.0	09/29/20 10:38	
sec-Butylbenzene	ug/L	ND	1.0	09/29/20 10:38	
Styrene	ug/L	ND	1.0	09/29/20 10:38	
tert-Butylbenzene	ug/L	ND	1.0	09/29/20 10:38	
Tetrachloroethene	ug/L	ND	1.0	09/29/20 10:38	
Toluene	ug/L	ND	1.0	09/29/20 10:38	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/29/20 10:38	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/29/20 10:38	
Trichloroethene	ug/L	ND	1.0	09/29/20 10:38	
Trichlorofluoromethane	ug/L	ND	1.0	09/29/20 10:38	
Vinyl chloride	ug/L	ND	1.0	09/29/20 10:38	
Xylene (Total)	ug/L	ND	3.0	09/29/20 10:38	
1,2-Dichloroethane-d4 (S)	%	97	86-117	09/29/20 10:38	
4-Bromofluorobenzene (S)	%	101	80-120	09/29/20 10:38	
Toluene-d8 (S)	%	100	80-120	09/29/20 10:38	

LABORATORY CONTROL SAMPLE: 2747553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.8	99	85-118	
1,1,1-Trichloroethane	ug/L	20	20.9	105	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	78-118	
1,1,2-Trichloroethane	ug/L	20	21.0	105	82-117	
1,1-Dichloroethane	ug/L	20	20.5	103	85-120	
1,1-Dichloroethene	ug/L	20	19.0	95	81-124	
1,1-Dichloropropene	ug/L	20	18.7	94	71-119	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	76-120	
1,2,3-Trichloropropane	ug/L	20	20.2	101	78-123	
1,2,4-Trichlorobenzene	ug/L	20	20.1	101	77-117	
1,2,4-Trimethylbenzene	ug/L	20	20.7	103	85-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.1	91	68-125	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

LABORATORY CONTROL SAMPLE: 2747553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.5	103	83-120	
1,2-Dichlorobenzene	ug/L	20	21.5	108	80-120	
1,2-Dichloroethane	ug/L	20	19.2	96	79-118	
1,2-Dichloroethene (Total)	ug/L	40	39.8	99	84-118	
1,2-Dichloropropane	ug/L	20	20.7	104	85-117	
1,3,5-Trimethylbenzene	ug/L	20	20.6	103	80-118	
1,3-Dichlorobenzene	ug/L	20	20.2	101	80-120	
1,3-Dichloropropane	ug/L	20	20.1	101	85-120	
1,4-Dichlorobenzene	ug/L	20	20.2	101	84-115	
2,2-Dichloropropane	ug/L	20	20.9	104	60-129	
2-Butanone (MEK)	ug/L	100	98.8	99	70-125	
2-Chlorotoluene	ug/L	20	21.3	107	84-115	
2-Hexanone	ug/L	100	101	101	76-126	
4-Chlorotoluene	ug/L	20	20.6	103	83-116	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	73-131	
Acetone	ug/L	100	90.8	91	59-135	
Benzene	ug/L	20	20.0	100	82-115	
Bromobenzene	ug/L	20	20.8	104	84-115	
Bromochloromethane	ug/L	20	19.4	97	85-125	
Bromodichloromethane	ug/L	20	20.2	101	82-123	
Bromoform	ug/L	20	20.0	100	66-133	
Bromomethane	ug/L	20	22.3	111	27-179	
Carbon disulfide	ug/L	20	22.9	115	72-134	
Carbon tetrachloride	ug/L	20	20.4	102	80-121	
Chlorobenzene	ug/L	20	20.8	104	80-120	
Chloroethane	ug/L	20	19.9	99	78-145	
Chloroform	ug/L	20	20.3	101	84-116	
Chloromethane	ug/L	20	22.5	113	48-160	
cis-1,2-Dichloroethene	ug/L	20	19.7	99	85-115	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	85-117	
Dibromochloromethane	ug/L	20	20.1	100	82-122	
Dibromomethane	ug/L	20	20.3	101	81-122	
Dichlorodifluoromethane	ug/L	20	8.2	41	50-173	L2
Ethylbenzene	ug/L	20	20.7	103	79-115	
Hexachloro-1,3-butadiene	ug/L	20	20.7	103	75-120	
Isopropylbenzene (Cumene)	ug/L	20	20.2	101	84-117	
Methyl-tert-butyl ether	ug/L	20	19.9	99	77-126	
Methylene Chloride	ug/L	20	19.7	98	80-126	
n-Butylbenzene	ug/L	20	21.1	106	81-120	
n-Propylbenzene	ug/L	20	20.8	104	80-116	
Naphthalene	ug/L	20	20.5	103	73-126	
p-Isopropyltoluene	ug/L	20	18.9	95	74-121	
sec-Butylbenzene	ug/L	20	22.5	112	75-130	
Styrene	ug/L	20	21.0	105	80-117	
tert-Butylbenzene	ug/L	20	20.5	103	84-116	
Tetrachloroethene	ug/L	20	21.4	107	83-119	
Toluene	ug/L	20	20.9	105	83-115	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

LABORATORY CONTROL SAMPLE: 2747553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.1	100	80-124	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	83-117	
Trichloroethene	ug/L	20	19.9	100	80-118	
Trichlorofluoromethane	ug/L	20	20.6	103	83-133	
Vinyl chloride	ug/L	20	16.8	84	76-144	
Xylene (Total)	ug/L	60	62.7	105	82-120	
1,2-Dichloroethane-d4 (S)	%			99	86-117	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679955
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: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2748829
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	ug/L	ND	500	09/30/20 16:39	
1,2-Dichloroethane-d4 (S)	%	88	86-117	09/30/20 16:39	
4-Bromofluorobenzene (S)	%	96	80-120	09/30/20 16:39	
Toluene-d8 (S)	%	104	80-120	09/30/20 16:39	

LABORATORY CONTROL SAMPLE: 2748830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	ug/L	4000	3530	88	55-125	
1,2-Dichloroethane-d4 (S)	%			86	86-117	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 680721
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2752136
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1221 (Aroclor 1221)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1232 (Aroclor 1232)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1242 (Aroclor 1242)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1248 (Aroclor 1248)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1254 (Aroclor 1254)	ug/L	ND	1.0	10/05/20 15:17	
PCB-1260 (Aroclor 1260)	ug/L	ND	1.0	10/05/20 15:17	
Decachlorobiphenyl (S)	%	74	30-136	10/05/20 15:17	

LABORATORY CONTROL SAMPLE: 2752137

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.2	84	66-125	
PCB-1260 (Aroclor 1260)	ug/L	5	4.4	88	64-123	
Decachlorobiphenyl (S)	%			78	30-136	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679792
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270
Analysis Description: 8270 MSSV TPH ORO
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2748446
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	1.0	10/08/20 01:21	
TPH-ORO	mg/L	ND	1.0	10/08/20 01:21	
2-Fluorobiphenyl (S)	%	72	29-108	10/08/20 01:21	
Nitrobenzene-d5 (S)	%	69	27-106	10/08/20 01:21	
Terphenyl-d14 (S)	%	70	34-129	10/08/20 01:21	

LABORATORY CONTROL SAMPLE: 2748447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	100	36.4	36	33-130	
2-Fluorobiphenyl (S)	%			39	29-108	
Nitrobenzene-d5 (S)	%			40	27-106	
Terphenyl-d14 (S)	%			41	34-129	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

QC Batch: 679795
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV, LV
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

METHOD BLANK: 2748452
Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
2,4,5-Trichlorophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dichlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dimethylphenol	ug/L	ND	10.0	10/05/20 09:51	
2,4-Dinitrophenol	ug/L	ND	50.0	10/05/20 09:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/05/20 09:51	
2-Chloronaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Chlorophenol	ug/L	ND	10.0	10/05/20 09:51	
2-Methylnaphthalene	ug/L	ND	10.0	10/05/20 09:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/05/20 09:51	
2-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
2-Nitrophenol	ug/L	ND	10.0	10/05/20 09:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/05/20 09:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/05/20 09:51	
3-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	10/05/20 09:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/05/20 09:51	
4-Chloroaniline	ug/L	ND	20.0	10/05/20 09:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/05/20 09:51	
4-Nitroaniline	ug/L	ND	50.0	10/05/20 09:51	
4-Nitrophenol	ug/L	ND	50.0	10/05/20 09:51	
Acenaphthene	ug/L	ND	10.0	10/05/20 09:51	
Acenaphthylene	ug/L	ND	10.0	10/05/20 09:51	
Anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(a)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/05/20 09:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Benzoic Acid	ug/L	ND	50.0	10/05/20 09:51	
Benzyl alcohol	ug/L	ND	20.0	10/05/20 09:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/05/20 09:51	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/05/20 09:51	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

METHOD BLANK: 2748452 Matrix: Water
Associated Lab Samples: 60349564001, 60349564002, 60349564003, 60349564004, 60349564005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	20.0	10/05/20 09:51	
Butylbenzylphthalate	ug/L	ND	20.0	10/05/20 09:51	
Carbazole	ug/L	ND	10.0	10/05/20 09:51	
Chrysene	ug/L	ND	10.0	10/05/20 09:51	
Di-n-butylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Di-n-octylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/05/20 09:51	
Dibenzofuran	ug/L	ND	10.0	10/05/20 09:51	
Diethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Dimethylphthalate	ug/L	ND	10.0	10/05/20 09:51	
Fluoranthene	ug/L	ND	10.0	10/05/20 09:51	
Fluorene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorobenzene	ug/L	ND	10.0	10/05/20 09:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/05/20 09:51	
Hexachloroethane	ug/L	ND	10.0	10/05/20 09:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/05/20 09:51	
Isophorone	ug/L	ND	10.0	10/05/20 09:51	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/05/20 09:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/05/20 09:51	
Naphthalene	ug/L	ND	10.0	10/05/20 09:51	
Nitrobenzene	ug/L	ND	10.0	10/05/20 09:51	
Pentachlorophenol	ug/L	ND	50.0	10/05/20 09:51	
Phenanthrene	ug/L	ND	10.0	10/05/20 09:51	
Phenol	ug/L	ND	10.0	10/05/20 09:51	
Pyrene	ug/L	ND	10.0	10/05/20 09:51	
Pyridine	ug/L	ND	10.0	10/05/20 09:51	
2,4,6-Tribromophenol (S)	%	58	16-114	10/05/20 09:51	
2-Fluorobiphenyl (S)	%	56	29-108	10/05/20 09:51	
2-Fluorophenol (S)	%	36	11-64	10/05/20 09:51	
Nitrobenzene-d5 (S)	%	54	27-106	10/05/20 09:51	
Phenol-d6 (S)	%	27	10-44	10/05/20 09:51	
Terphenyl-d14 (S)	%	84	34-129	10/05/20 09:51	

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	19.9	40	22-109	
1,2-Dichlorobenzene	ug/L	50	19.9	40	18-107	
1,3-Dichlorobenzene	ug/L	50	18.9	38	16-105	
1,4-Dichlorobenzene	ug/L	50	19.0	38	17-105	
2,4,5-Trichlorophenol	ug/L	50	25.8J	52	25-126	
2,4,6-Trichlorophenol	ug/L	50	25.2	50	23-124	
2,4-Dichlorophenol	ug/L	50	23.1	46	26-116	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/L	50	22.3	45	36-98	
2,4-Dinitrophenol	ug/L	50	28.9J	58	11-138	
2,4-Dinitrotoluene	ug/L	50	29.6	59	30-127	
2,6-Dinitrotoluene	ug/L	50	26.8	54	30-125	
2-Chloronaphthalene	ug/L	50	23.2	46	28-115	
2-Chlorophenol	ug/L	50	21.5	43	25-107	
2-Methylnaphthalene	ug/L	50	23.2	46	25-112	
2-Methylphenol(o-Cresol)	ug/L	50	20.9	42	30-94	
2-Nitroaniline	ug/L	50	25.9J	52	29-126	
2-Nitrophenol	ug/L	50	23.4	47	26-122	
3&4-Methylphenol(m&p Cresol)	ug/L	50	19.7	39	26-89	
3,3'-Dichlorobenzidine	ug/L	50	31.7	63	24-140	
3-Nitroaniline	ug/L	50	25.6J	51	30-139	
4,6-Dinitro-2-methylphenol	ug/L	50	28.4J	57	21-135	
4-Bromophenylphenyl ether	ug/L	50	26.8	54	30-121	
4-Chloro-3-methylphenol	ug/L	50	25.0	50	28-117	
4-Chloroaniline	ug/L	50	17.3J	35	22-136	
4-Chlorophenylphenyl ether	ug/L	50	25.6	51	30-119	
4-Nitroaniline	ug/L	50	29.8J	60	31-129	
4-Nitrophenol	ug/L	50	18.2J	36	10-64	
Acenaphthene	ug/L	50	25.4	51	29-117	
Acenaphthylene	ug/L	50	26.3	53	27-119	
Anthracene	ug/L	50	28.9	58	27-124	
Benzo(a)anthracene	ug/L	50	36.6	73	30-124	
Benzo(a)pyrene	ug/L	50	35.7	71	29-123	
Benzo(b)fluoranthene	ug/L	50	37.1	74	29-127	
Benzo(g,h,i)perylene	ug/L	50	36.0	72	30-124	
Benzo(k)fluoranthene	ug/L	50	36.1	72	29-125	
Benzoic Acid	ug/L	50	14.9J	30	10-71	
Benzyl alcohol	ug/L	50	22.2	44	23-105	
bis(2-Chloroethoxy)methane	ug/L	50	24.0	48	29-115	
bis(2-Chloroethyl) ether	ug/L	50	22.6	45	28-114	
bis(2-Chloroisopropyl) ether	ug/L	50	23.4	47	27-114	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.1	82	35-128	
Butylbenzylphthalate	ug/L	50	42.5	85	28-114	
Carbazole	ug/L	50	33.6	67	31-124	
Chrysene	ug/L	50	36.4	73	31-124	
Di-n-butylphthalate	ug/L	50	37.2	74	29-130	
Di-n-octylphthalate	ug/L	50	42.8	86	27-135	
Dibenz(a,h)anthracene	ug/L	50	35.8	72	30-125	
Dibenzofuran	ug/L	50	25.2	50	30-118	
Diethylphthalate	ug/L	50	30.8	62	30-123	
Dimethylphthalate	ug/L	50	28.1	56	29-121	
Fluoranthene	ug/L	50	33.4	67	31-126	
Fluorene	ug/L	50	26.5	53	30-120	
Hexachloro-1,3-butadiene	ug/L	50	18.3	37	14-107	
Hexachlorobenzene	ug/L	50	27.3	55	29-123	

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QUALITY CONTROL DATA

Project: PINE LAWN
Pace Project No.: 60349564

LABORATORY CONTROL SAMPLE: 2748453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	17.6	35	10-56	
Hexachloroethane	ug/L	50	17.6	35	14-103	
Indeno(1,2,3-cd)pyrene	ug/L	50	35.5	71	29-124	
Isophorone	ug/L	50	25.9	52	29-117	
N-Nitroso-di-n-propylamine	ug/L	50	24.9	50	28-117	
N-Nitrosodiphenylamine	ug/L	50	27.6	55	30-122	
Naphthalene	ug/L	50	22.5	45	25-111	
Nitrobenzene	ug/L	50	23.3	47	28-116	
Pentachlorophenol	ug/L	50	31.7J	63	17-134	
Phenanthrene	ug/L	50	29.9	60	30-121	
Phenol	ug/L	50	11.4	23	10-58	
Pyrene	ug/L	50	34.5	69	31-124	
Pyridine	ug/L	50	ND	5	10-73	1e
2,4,6-Tribromophenol (S)	%			59	16-114	
2-Fluorobiphenyl (S)	%			49	29-108	
2-Fluorophenol (S)	%			30	11-64	
Nitrobenzene-d5 (S)	%			48	27-106	
Phenol-d6 (S)	%			22	10-44	
Terphenyl-d14 (S)	%			74	34-129	

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QUALIFIERS

Project: PINE LAWN
Pace Project No.: 60349564

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

1e	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. Note: No further action was taken due to sample holding time violations.
2e	Surrogate recovery outside laboratory control limits (low), no further action was due to holding time violations.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349564

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349564001	**DPT-12-GW-(24-29)**	EPA 3510	680721	EPA 8082	680888
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 3510	680721	EPA 8082	680888
60349564003	**PINE LAWN-FB5**	EPA 3510	680721	EPA 8082	680888
60349564004	**DPT-20-GW-(25-30)**	EPA 3510	680721	EPA 8082	680888
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 3510	680721	EPA 8082	680888
60349564001	**DPT-12-GW-(24-29)**	EPA 3010	680870	EPA 6010	680985
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 3010	680870	EPA 6010	680985
60349564003	**PINE LAWN-FB5**	EPA 3010	680870	EPA 6010	680985
60349564004	**DPT-20-GW-(25-30)**	EPA 3010	680870	EPA 6010	680985
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 3010	680870	EPA 6010	680985
60349564001	**DPT-12-GW-(24-29)**	EPA 3010	680871	EPA 6010	680986
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 3010	680871	EPA 6010	680986
60349564003	**PINE LAWN-FB5**	EPA 3010	680871	EPA 6010	680986
60349564004	**DPT-20-GW-(25-30)**	EPA 3010	680871	EPA 6010	680986
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 3010	680871	EPA 6010	680986
60349564001	**DPT-12-GW-(24-29)**	EPA 7470	679620	EPA 7470	679743
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 7470	679620	EPA 7470	679743
60349564003	**PINE LAWN-FB5**	EPA 7470	679620	EPA 7470	679743
60349564004	**DPT-20-GW-(25-30)**	EPA 7470	679620	EPA 7470	679743
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 7470	679620	EPA 7470	679743
60349564001	**DPT-12-GW-(24-29)**	EPA 7470	679617	EPA 7470	679742
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 7470	679617	EPA 7470	679742
60349564003	**PINE LAWN-FB5**	EPA 7470	679617	EPA 7470	679742
60349564004	**DPT-20-GW-(25-30)**	EPA 7470	679617	EPA 7470	679742
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 7470	679617	EPA 7470	679742
60349564001	**DPT-12-GW-(24-29)**	EPA 3510C	679792	EPA 8270	681075
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 3510C	679792	EPA 8270	681075
60349564003	**PINE LAWN-FB5**	EPA 3510C	679792	EPA 8270	681075
60349564004	**DPT-20-GW-(25-30)**	EPA 3510C	679792	EPA 8270	681075
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 3510C	679792	EPA 8270	681075
60349564001	**DPT-12-GW-(24-29)**	EPA 3510	679795	EPA 8270	680727
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 3510	679795	EPA 8270	680727
60349564003	**PINE LAWN-FB5**	EPA 3510	679795	EPA 8270	680727
60349564004	**DPT-20-GW-(25-30)**	EPA 3510	679795	EPA 8270	680727
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 3510	679795	EPA 8270	680727
60349564001	**DPT-12-GW-(24-29)**	EPA 5030B/8260	679540		
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 5030B/8260	679540		
60349564003	**PINE LAWN-FB5**	EPA 5030B/8260	679540		
60349564004	**DPT-20-GW-(25-30)**	EPA 5030B/8260	679540		
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 5030B/8260	679540		
60349564006	**PINE LAWN-GW-TB10**	EPA 5030B/8260	679540		
60349564001	**DPT-12-GW-(24-29)**	EPA 8260	679955		
60349564002	**DPT-12-GW-(24-29)-FD**	EPA 8260	679955		
60349564003	**PINE LAWN-FB5**	EPA 8260	679955		
60349564004	**DPT-20-GW-(25-30)**	EPA 8260	679955		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE LAWN
Pace Project No.: 60349564

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60349564005	**DPT-20-GW-(25-30)-FD**	EPA 8260	679955		

Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt

WO# : 60349564

60349564

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: T295 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 4.6 **Corr. Factor** +0.4 **Corrected** 5.0

Date and initials of person examining contents: 09/26/20 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	
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	☐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# 1003173	☒Yes ☐No ☐N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added. Initial pH of BP3N for sample 5 was 7.0. Added 2.0 mL HNO3 (Lot #270608) on 9/26/20 @ 1439. Final pH is 1.0.
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:	☐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.

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:	Pine Lawn
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: MO

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	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-12-GW-(24-29)			09/25/20	0840				13	6		2	5						X	X	X	X	X	X	X						10034195104
2	DPT-12-GW-(24-29)-FD			09/25/20	0840				12	6		2	4						X	X	X	X	X	X	X						
3	Pine Lawn-FB6			09/25/20	1215				13	6		2	5						X	X	X	X	X	X	X						
4	DPT-20-GW-(25-30)			09/25/20	1049				13	6		2	5						X	X	X	X	X	X	X						
5	DPT-20-GW-(25-30)-FD			09/25/20	1049				13	6		2	5						X	X	X	X	X	X	X						
6	Pine Lawn-GW-TB10			09/25/20	1135				2				2										X								
7																															
8																															
9																															
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Thomas Kaley Tetra Tech	09/25/20	1209	Miller/Pace	9/26/20	0530	5.0	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: Thomas Kaley & Stephanie Cables

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/25/20

*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

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60348944

Sample Designations/Names:

DPT-1-SO-(5.5-6.5)	DPT-2-SO-(3-5)	DPT-3-SO-(28-28.8)	DPT-3-SO-(28-28.8)-FD	DPT-4-SO-(28-29)
PINE LAWN-SO-TB1	DPT-5-SO-(15-16)	PINE LAWN-FB1		

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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. There is a transcription error in the data package for sample DPT-5-SO-(15-16).
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/22/2020; the samples arrived in good condition at 2.6° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks were nondetect for all target analytes. The trip blank had detectable toluene. No site sample associated with this trip blank had toluene; thus, no qualification of the results is recommended. The field blank had detectable levels of barium. The following qualifications are recommended due to barium in the field blank: DPT-3-SO-(28-28.8)-FD 55.9 J+ DPT-4-SO-(28-29) 49.7 J+

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for low recovery of 2-fluorobiphenyl and nitrobenzene-d5 in samples DPT-12-GW-(24-29), DPT-12-GW-(24-29)-FD, and DPT-20-GW-(25-30)-FD. In addition, recovery of terphenyl-d14 was low in sample DPT-20-GW-(25-30)-FD. The result is likely attributable to matrix interference rather than a laboratory issue. No qualification is recommended.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for lead and mercury. Batch was accepted based on the LCS results.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS were performed and all analytes were within control limits except for 1,1,1,2-tetrachloromethane, 1,1,1-trichloroethane, and dichlorodifluoromethane in the LCS associated with PINE LAWN FB-1. In addition, the recovery for benzoic acid (soil) exceeded the QC criteria. Benzoic acid was not detected in any site samples in this group; thus, no qualification of the result is recommended.
Other	☑	☐	☐	Dichlorodifluoromethane was low in the initial calibration and did not meet the secondary source verification criteria. Dichlorodifluoromethane was not detected in any sample and no qualification of the results is recommended.

Summary

Data are usable as reported by the laboratory. Qualifications of two barium result are recommended as indicated above.

The following are comparisons of detected field duplicate results:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-3-SO-(28-28.8)	DPT-3-SO-(28-28.8)-FD	METALS	ARSENIC	4.1	1.6	mg/kg	87.7
DPT-3-SO-(28-28.8)	DPT-3-SO-(28-28.8)-FD	METALS	BARIUM	103	55.9	mg/kg	59.3
DPT-3-SO-(28-28.8)	DPT-3-SO-(28-28.8)-FD	METALS	CHROMIUM	85.1	42.6	mg/kg	66.6
DPT-3-SO-(28-28.8)	DPT-3-SO-(28-28.8)-FD	METALS	LEAD	2.7	4.7	mg/kg	54.1

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 25, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349230

Sample Designations/Names:

DPT-9-SO-(29-30) DPT-10-SO-(29-30) PINE LAWN-SO-TB4 DPT-11-SO-(2-3) DPT-11-SO-(12-13)
DPT-11-SO-(29-30)

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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, except the analysis was not identified correctly for the trip blank. In spite of the error on the chain of custody, the correct volatiles analysis (8260) was performed on the trip blank.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 9/23/2020; the samples arrived in good condition at 1.3° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for nitrobenzene-d5 in sample DPT-11-SO-(2-3). The result was attributed to sample dilution.
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. Benzoic acid was not detected in any site sample; thus, no qualification of the results is recommended.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.
Summary Data are usable as reported by the laboratory. No qualifications appear to be necessary.				

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 25, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349231

Sample Designations/Names:

DPT-7-SO-(2-3) DPT-7-SO-(29-30) PINE LAWN-SO-TB3 PINE LAWN-RB DPT-8-SO-(29-30)
DPT-8-SO-(29-30)-FD

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/23/2020; the samples arrived in good condition at 3.2° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blank and rinsate blank were nondetect for all target analytes. The trip blank had detectable toluene. Toluene was not detected in any site sample; thus, no qualification of the results is recommended.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for the rinsate blank. The recovery exceeded QC limits in all instances. Thus any detected results associated with these surrogates would be qualified J+. However, no associated analytes were detected; thus, no qualification is recommended.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for acetone, benzene, chlorobenzene, and TPH-DRO. The batch was accepted based on LCS results.

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, which was above QC limits and dichlorodifluoromethane, which was below QC limits. Neither analyte was detected, so no data qualifiers are necessary.
Other	☑	☐	☐	

Summary

Data are usable as reported by the laboratory. No qualifications appear to be necessary.

Comparisons of results from field duplicates included in this data package are as follows:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-8-SO-(29-30)	DPT-8-SO-(29-30)-FD	METALS	ARSENIC	3.3	2.8	mg/kg	16.4
DPT-8-SO-(29-30)	DPT-8-SO-(29-30)-FD	METALS	BARIUM	83.9	81	mg/kg	3.5
DPT-8-SO-(29-30)	DPT-8-SO-(29-30)-FD	METALS	CHROMIUM	31	28.3	mg/kg	9.1
DPT-8-SO-(29-30)	DPT-8-SO-(29-30)-FD	METALS	LEAD	8	6.7	mg/kg	17.7

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349234

Sample Designations/Names:

DPT-6-SO-(15-16) DPT-5-GW-(15-20) DPT-6-GW-(15-20) DPT-2-GW-(24-29) PINE LAWN-FB2
PINE LAWN-GW-TB2

Matrices: Soil and Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/23/2020; the samples arrived in good condition at 0.1° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks, field blank, and trip blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for 2-fluorophenol and phenol-d6 in samples DPT-2-GW-(24-29) and DPT-6-GW-(15-20), and terphenyl-d14 in samples DPT-2-GW-(24-29), DPT-5-GW-(15-20), and DPT-6-GW-(15-20). The recovery exceeded QC limits in all instances. Thus any detected results associated with these surrogates would be qualified J+. However, no associated analytes were detected; thus, no qualification is recommended.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for acetone, benzene, chlorobenzene, and TPH-DRO. The batch was accepted based on LCS results.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except benzoic acid was above QC limits and dichlorodifluoromethane was below QC limits. Neither analyte was detected so no data qualifiers are necessary.
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.
Summary Data are usable as reported by the laboratory. No qualifications appear to be necessary.				

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 25, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349310

Sample Designations/Names:

DPT-15-SO-(29-30) DPT-16-SO-(29-30) DPT-11-GW-(25-30) DPT-11-GW-(25-30)-FD PINE LAWN-FB3
PINE LAWN-GW-TB6 DPT-17-SO-(3-5)

Matrices: Soil and Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/24/2020; the samples arrived in good condition at 3.4° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks, trip blank, and field blank were nondetect for all target analytes.

<table>
<tr><th>Data Package Element</th><th>Usable</th><th>Rejected</th><th>NA</th><th>Description of Affected Data (note specific samples and analytical parameters affected)</th></tr>
<tr><td>Surrogate spikes</td><td>☑</td><td>☐</td><td>☐</td><td>Surrogate spikes were within acceptable limits, except for 4-bromofluorobenzene and 1,2-dichloroethane-d4. The 1,2-dichloroethane-d4 recovery was low and was attributable to matrix interference. No qualification is recommended. The 4-bromofluorobenzene exceeded the QC limit results in the following data qualifier recommendations:
<table>
<tr><th></th><th>DPT-11-GW-(25-30)</th><th>DPT-11-GW-(25-30)-FD</th></tr>
<tr><td>Isopropylbenzene (Cumene)</td><td>27.4 J+</td><td>28.6 J+</td></tr>
<tr><td>n-Butylbenzene</td><td>22.9 J+</td><td>22.5 J+</td></tr>
<tr><td>n-Propylbenzene</td><td>52.6 J+</td><td>51.5 J+</td></tr>
<tr><td>p-Isopropyltoluene</td><td>16 J+</td><td>15.5 J+</td></tr>
<tr><td>sec-Butylbenzene</td><td>15 J+</td><td>14.3 J+</td></tr>
<tr><td>tert-Butylbenzene</td><td>2.1 J+</td><td>1.9 J+</td></tr>
</table></td></tr>
<tr><td>Matrix spikes/matrix spike duplicates (MS/MSD)</td><td>☑</td><td>☐</td><td>☐</td><td>MS/MSD were performed and all results were within control limits, except for barium (soil), and acetone, benzene, and chlorobenzene (groundwater). Batch was accepted based on the LCS results.</td></tr>
<tr><td>Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)</td><td>☑</td><td>☐</td><td>☐</td><td>LCS was performed and all analytes were within control limits, except benzoic acid was higher than the QC limit, and dichlorofluoromethane and pyridine were lower than the QC limit. None of the analytes was detected in any site sample; thus, no data qualifiers are recommended.</td></tr>
<tr><td>Other</td><td>☑</td><td>☐</td><td>☐</td><td>Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.</td></tr>
</table>

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)

Summary

Data are usable as reported by the laboratory. Qualifications of results are recommended as noted above.

Comparisons of results from field duplicates included in this data package are as follows:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	Chloroform	2.8	2.6	µg/L	7.4
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	Ethylbenzene	2.9	3.2	µg/L	9.8
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	Isopropylbenzene (Cumene)	27.4	28.6	µg/L	4.3
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	n-Butylbenzene	22.9	22.5	µg/L	1.8
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	n-Propylbenzene	52.6	51.5	µg/L	2.1
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	p-Isopropyltoluene	16	15.5	µg/L	3.2
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	sec-Butylbenzene	15	14.3	µg/L	4.8
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	VOC	tert-Butylbenzene	2.1	1.9	µg/L	10.0
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TPH	TPH-DRO	14.3	5	mg/L	96.4
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TPH	TPH-GRO	6280	4690	µg/L	29.0
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TMETALS	ARSENIC	59.2	59.5	µg/L	0.5
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TMETALS	BARIUM	5340	5710	µg/L	6.7
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TMETALS	CHROMIUM	289	308	µg/L	6.4
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TMETALS	LEAD	376	314	µg/L	18.0
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	TMETALS	MERCURY	1	1	µg/L	0.0
DPT-11-GW-(25-30)	DPT-11-GW-(25-30)-FD	DMETALS	BARIUM	412	402	µg/L	2.5

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 25, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349351

Sample Designations/Names:

DPT-18-SO-(29-30) DPT-19-SO-(29-30) DPT-20-SO-(10-11) DPT-21-SO-(15-16) DPT-21-SO-(15-16)-FD
PINE LAWN-SO-TB7

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/24/2020; the samples arrived in good condition at 1.3° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blank, field blank, and trip blank were nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for 2,4,6-tribromophenol which had a low recovery in DPT-19-SO-(29-30). The other surrogate spike for the group (2-fluorobiphenyl) was within QC limits. The result is likely attributable to matrix interference rather than a laboratory issue. No qualification is recommended.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for barium (soil). Batch was accepted based on the LCS results.

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 benzoic acid was above QC limits. This analyte was not detected, and thus no data qualifiers are necessary.
Other	☑	☐	☐	Dichlorofluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.

Summary

Data are usable as reported by the laboratory. No qualifications appear to be necessary.

Comparisons of detected results from the field duplicates are as follows:

DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	1,2,4-Trimethylbenzene	17600	22200	µg/kg	23.1
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	1,3,5-Trimethylbenzene	3210	3930	µg/kg	20.2
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	Benzene	3950	3320	µg/kg	17.3
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	Ethylbenzene	9830	8680	µg/kg	12.4
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	Isopropylbenzene (Cumene)	5670	5350	µg/kg	5.8
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	Naphthalene	3080	3030	µg/kg	1.6
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	n-Butylbenzene	2100	2410	µg/kg	13.7
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	n-Propylbenzene	6810	6620	µg/kg	2.8
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	p-Isopropyltoluene	1560	1760	µg/kg	12.0
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	sec-Butylbenzene	1990	2140	µg/kg	7.3
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	VOC	Xylene (Total)	12000	12300	µg/kg	2.5
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	SVOC	2-Methylnaphthalene	1380	1770	µg/kg	24.8
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	SVOC	Naphthalene	2110	2510	µg/kg	17.3
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	TPH	TPH-DRO	841	701	mg/kg	18.2
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	TPH	TPH-GRO	1070	1510	mg/kg	34.1
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	METALS	ARSENIC	7.3	7.1	mg/kg	2.8
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	METALS	BARIUM	124	124	mg/kg	0.0
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	METALS	CHROMIUM	26.2	27.2	mg/kg	3.7
DPT-21-SO-(15-16)	DPT-21-SO-(15-16)-FD	METALS	LEAD	15.5	13	mg/kg	17.5

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package: 60349352

Sample Designations/Names:

DPT-12-SO-(1-3) DPT-12-SO-(1-3)-FD DPT-12-SO-(5-6) DPT-12-SO-(27-28) DPT-13-SO-(29-30)
DPT-14-SO-(13-14) PINE LAWN-SO-TB5

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/24/2020; the samples arrived in good condition at 2.0° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks were nondetect for all target analytes. The trip blank was nondetect except for toluene. Toluene was not detected in any site sample; thus, no qualification of the data is recommended.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits except for nitrobenzene-d5 in samples DPT-12-SO-(1-3), DPT-12-SO-(5-6), and DPT-12-SO-(5-6)-FD, which were higher than the QC limit. No analytes associated with nitrobenzene-d5 were detected so no qualification of the data is necessary. 2-Fluorobiphenyl and terphenyl-d14 recoveries were low in sample DPT-12-SO-(5-6). This result was attributed to sample dilution and no qualification of the data is recommended.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for barium. Batch was accepted based on LCS results.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, except benzoic acid was above QC limits. Benzoic acid was not detected in any site sample. so no data qualifiers are necessary.
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.

Summary

Data are usable as reported by the laboratory. No qualifications appear to be necessary.

Comparisons of results from field duplicates included in this data package are as follows:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	Ethylbenzene	3340	2530	µg/kg	27.6
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	Isopropylbenzene (Cumene)	2920	2270	µg/kg	25.0
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	Naphthalene	13900	11600	µg/kg	18.0
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	n-Butylbenzene	4170	3260	µg/kg	24.5
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	n-Propylbenzene	3790	3070	µg/kg	21.0
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	VOC	sec-Butylbenzene	2790	2210	µg/kg	23.2
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	SVOC	2-Methylnaphthalene	11000	9260	µg/kg	17.2
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	SVOC	Naphthalene	10600	8470	µg/kg	22.3
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	SVOC	Pyrene	414	458	µg/kg	10.1
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	TPH	TPH-DRO	1920	3560	mg/kg	59.9
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	TPH	TPH-GRO	1460	937	mg/kg	43.6
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	TPH	TPH-ORO	757	1550	mg/kg	68.7
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	METALS	ARSENIC	10.7	7.2	mg/kg	39.1
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	METALS	BARIUM	175	151	mg/kg	14.7
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	METALS	CADMIUM	0.67	0.77	mg/kg	13.9
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	METALS	CHROMIUM	14.7	16.8	mg/kg	13.3
DPT-12-SO-(1-3)	DPT-12-SO-(1-3)-FD	METALS	LEAD	42.4	38.5	mg/kg	9.6

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349444

Sample Designations/Names:

DPT-30-SO-(0-3) DPT-30-SO-(29-30) DPT-31-SO-(0-3) DPT-31-SO-(29-30) DPT-32-SO-(0-3)
DPT-32-SO-(24.5-25.5) PINE LAWN-SO-TB9

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/25/2020; the samples arrived in good condition at 1.9° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks were nondetect for all target analytes. The trip blank had a detection for toluene. None of the site samples associated with this trip blank had detections for toluene; thus, no qualification is recommended.
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 barium. Batch was accepted based on the LCS results.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.

Summary

Data are usable as reported by the laboratory. No qualifications of results are recommended.

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349454

Sample Designations/Names:

DPT-22-SO-(0-3) DPT-22-SO-(17-18) PINE LAWN-FB4 PINE LAWN-SO-TB8 DPT-23-SO-(24-25)
DPT-24-SO-(24-25) DPT-25-SO-(24-25)

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/25/2020; the samples arrived in good condition at 5.3° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks and field blank were nondetect for all target analytes. The trip blank had a detection for toluene. Site sample DPT-22-SO-(17-18) associated with this trip blank had a detection of toluene more than 10 times the blank detection; thus, no qualification is recommended.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for nitrobenzene-d5 in samples DPT-22-SO-(0-3) and DPT-22-SO-(17-18). The laboratory indicated the results were attributable to sample dilution.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for barium and 1,2,3-trichloropropane. Batch was accepted based on the LCS results.

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 dichlorodifluoromethane and pyridine. Both analytes were nondetect in all site samples; thus, no qualification of the results is recommended.
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.

Summary

Data are usable as reported by the laboratory. No qualifications of results are recommended.

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349457

Sample Designations/Names:

DPT-26-SO-(24-25)	DPT-26-SO-(24-25)-FD	DPT-27-SO-(29-30)	DPT-28-SO-(29-30)	DPT-29-SO-(0-2)
DPT-29-SO-(29-30)	PINE LAWN-GW-TB8			

Matrices: Soil

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/25/2020; the samples arrived in good condition at 0.9° C. Samples were analyzed within the recommended method holding times.
Method and field blank contamination	☑	☐	☐	The method blanks and trip blank were nondetect for all target analytes. The trip blank was a water blank while the site samples were soil. No qualification is recommended.
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for a low recovery of 2,4,6-tribromophenol in sample DPT-26-(24-25). The other surrogate spike for the group (2-fluorobiphenyl) was within QC limits. The result is likely attributable to matrix interference rather than a laboratory issue. The field duplicate had a similar result, though within the acceptable range. No qualification is recommended.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for barium. Batch was accepted based on the LCS results.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS were performed and all analytes were within control limits except for dichlorodifluoromethane. This analyte was nondetect in all site samples; thus, no qualification of the results is recommended.
Other	☑	☐	☐	Dichlorodifluoromethane did not meet the secondary source verification criteria for the initial calibration. The analyte was not detected in any sample.

Summary

Data are usable as reported by the laboratory. No qualifications of results are recommended.

The following are comparisons of detected field duplicate results:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-26-SO-(24-25)	DPT-26-SO-(24-25)-FD	METALS	ARSENIC	1.6	2.1	mg/kg	27.0
DPT-26-SO-(24-25)	DPT-26-SO-(24-25)-FD	METALS	BARIUM	67.5	71	mg/kg	5.1
DPT-26-SO-(24-25)	DPT-26-SO-(24-25)-FD	METALS	CHROMIUM	29.2	31.1	mg/kg	6.3
DPT-26-SO-(24-25)	DPT-26-SO-(24-25)-FD	METALS	LEAD	5.7	5.9	mg/kg	3.4

DATA VERIFICATION REPORT

Preparer: Ann Weise

Date: October 26, 2020

Site Name/Job Number: Pine Lawn / 103G65210190.02.03.07

Laboratory: Pace Analytical, Lenexa, KS

Data Package or SDG Number: 60349564

Sample Designations/Names:

DPT-12-GW-(24-29) DPT-12-GW-(24-29)-FD PINE LAWN-FB5 DPT-20-GW-(25-30) DPT-20-GW-(25-30)-FD
PINE LAWN-GW-TB10

Matrices: Groundwater

Analytical Parameters: Polychlorinated Biphenyls (PCB) by 8082, Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOC) 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 9/26/2020; the samples arrived in good condition at 5.0° C. Samples were analyzed within the recommended method holding times.
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 low recovery of 2-fluorobiphenyl and nitrobenzene-d5 in samples DPT-12-GW-(24-29), DPT-12-GW-(24-29)-FD, and DPT-20-GW-(25-30)-FD. In addition, recovery of terphenyl-d14 was low in sample DPT-20-GW-(25-30)-FD. The result is likely attributable to matrix interference rather than a laboratory issue. No qualification is recommended.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	MS/MSD were performed and all results were within control limits, except for arsenic, barium, lead, and selenium. Batch was accepted based on the LCS results.

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 were performed and all analytes were within control limits except for dichlorodifluoromethane and pyridine. These analytes were nondetect in all site samples; thus, no qualification of the results is recommended.
Other	☐	☐	☑	

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)

Summary

Data are usable as reported by the laboratory. No qualifications of results are recommended.

The following are comparisons of detected field duplicate results:

Sample ID	Duplicate ID	Group	Analyte	Original Result	Duplicate Result	Units	RPD
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Benzene	7.1	6.5	µg/L	8.8
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Ethylbenzene	38.4	30.4	µg/L	23.3
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Isopropylbenzene (Cumene)	20.8	14.4	µg/L	36.4
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Naphthalene	17.6	14.6	µg/L	18.6
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	n-Butylbenzene	7.2	4.3	µg/L	50.4
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	n-Propylbenzene	21.4	13.2	µg/L	47.4
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	p-Isopropyltoluene	4.6	2.6	µg/L	55.6
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	sec-Butylbenzene	5.2	3.1	µg/L	50.6
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Toluene	5.6	4.8	µg/L	15.4
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	VOC	Xylene (Total)	14	10.9	µg/L	24.9
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TPH	TPH-DRO	1	1.4	mg/L	33.3
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TPH	TPH-GRO	2680	2490	µg/L	7.4
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	ARSENIC	92.7	101	µg/L	8.6
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	BARIUM	13900	12600	µg/L	9.8
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	CADMIUM	9	7.7	µg/L	15.6
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	CHROMIUM	528	519	µg/L	1.7
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	LEAD	469	480	µg/L	2.3
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	MERCURY	2.1	1.9	µg/L	10.0
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	TMETALS	SELENIUM	33.4	36.1	µg/L	7.8
DPT-12-GW-(24-29)	DPT-12-GW-(24-29)-FD	DMETALS	BARIUM	372	373	µg/L	0.3
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	Acetone	11.9	19.7	µg/L	49.4
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	Benzene	1.2	4.9	µg/L	121.3
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	Isopropylbenzene (Cumene)	8.2	12.3	µg/L	40.0
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	n-Butylbenzene	4.2	3.7	µg/L	12.7
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	n-Propylbenzene	20.5	30	µg/L	37.6
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	VOC	sec-Butylbenzene	2	2	µg/L	0.0
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	TMETALS	ARSENIC	46.2	68	µg/L	38.2
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	TMETALS	BARIUM	1820	12800	µg/L	150.2
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	TMETALS	CHROMIUM	227	864	µg/L	116.8
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	TMETALS	LEAD	178	477	µg/L	91.3
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	TMETALS	MERCURY	0.47	4.4	µg/L	161.4
DPT-20-GW-(25-30)	DPT-20-GW-(25-30)-FD	DMETALS	BARIUM	493	501	µg/L	1.6

APPENDIX E

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): Pine Lawn (4311 Jennings Station)

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: Pine Lawn (4311 Jennings Station)

7a. Street Address: 4311 Jennings Station

7b. City: Pine Lawn

7c. County: St. Louis

7d. State: MO

7e. Zip code: 63121

8. Size (in acres): 0.36

9. Parcel Number(s): 15G511486

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): 38.698912

11b. Longitude (use -000.000000 decimal degree format): -90.272201

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	7/11/2019	☐	☐	☑	☐	☐	MDNR	UNK
Phase II	8/20/2020	10/28/2020	☑	☐	☐	☐	☐	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:

Address of Data Source (URL if available): _____

19c. Indicate whether Institutional Controls in place: ☐ Yes ☑ No Date: _____

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.
☐ Industrial _____ acres _____ sq. ft.
☑ Commercial 0.36 acres unk sq. ft.
☑ Residential 0.36 acres unk 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 subject property is on a 0.36-acre parcel and includes two structures: a 6,580-square-foot auto service garage and a 700-square-foot detached garage. The Phase I ESA report indicates the property was developed at least as early as the 1930s with an auto service garage and printer. The adjoining properties were developed in the late 1920s and early 1930s, primarily for residential use; however, the property to the north was developed as a filling station with auto service in the 1930s, and was later redeveloped into a different filling station and auto service facility.

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	0.36 acres	~7,280 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:

City of Pine Lawn

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: