REPORT OF
SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT

Kendall Street Properties
South Bend, IN

PES Project No. 10-056

December 29, 2010

Prepared For:

City of South Bend
Community and Economical Development
1200 County City Building
227 W Jefferson Blvd.
South Bend, In 46601

Prepared By:

Phifer Environmental Services, LLC
2502 Lincoln Way West
P.O. Box #430
Mishawaka, IN 46546

December 29, 2010

Phifer Environmental Services LLC

Mr. David Relos, Economic Development Planner
Community and Economic Development
City of South Bend
1200 County-City Building
227 West Jefferson Boulevard
South Bend, Indiana 46601

RE: REPORT OF SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT
Kendall Street Properties
South Bend, IN

Phifer Environmental Services, LLC (PES) completed a Phase I/II and Supplemental Environmental Site Assessment of the properties commonly known as the Kendall Street Properties (initially identified as 1521 and 1527 Kendall Street) in South Bend, Indiana) The subject site consists of two land parcels totaling approximately 0.2268-acres, with the northernmost parcel (1521 Kendall Avenue) being vacant and grass covered, having previously been developed as a residential dwelling (demolished circa 1998), with only remnants of the concrete slab for the former detached garage remaining. The southernmost parcel (1527 Kendall Avenue) is developed with an approximate 1632 sq. ft. wooden-framed, slab on grade, pole-type building with metal exterior panels, having been constructed in 1990. The building initially served as a body shop (Gammage Enterprises), although over the last two years has been leased as an auto repair and service shop.

The following subsections summarize the findings of the initial Phase I and Phase II Environmental Site Assessments; as well as present the finding of the Supplemental Environmental Site Assessment conducted for the purpose of further characterizing Tetrachloroethylene (PCE) contamination identified in groundwater by the initial Phase II Site Assessment.

PHASE I SITE ASSESSMENT (June 21, 2010)

The Phase I Environmental Site Assessment of the Kendall Street properties identified the following Recognized Environmental Conditions as having a potential for environmental impact to the subsurface environment:

1) Historical auto body repair (including historical painting) and current auto service/repair operations have a potential for environmental impact to surface and subsurface soils as a result of poor waste management practices (waste paints, waste oils, waste antifreeze, waste solvents/degreasers). The presence of waste oil pools on the concrete in close proximity to floor drains, stained soils in the area of waste oil containers, as well as other stained soils in the rear fenced area are all indications of poor waste management practices.

An accumulation of waste tires within the rear fenced area is not considered a Recognized Environmental Condition; although disposal is recommended.

Other Best Management Practices regarding the storage of "flammables" within a "Flammables Cabinet" and making sure that care is taken not to introduce waste oils to existing floor drains (to sanitary sewer) should also be implemented.

Based upon the aforementioned, PES recommended a Phase II Environmental Site be undertaken for the purpose of assessing the extent to which, if any, the automotive repair and maintenance activities conducted at the subject site may have potentially impacted the subsurface environment.

PHASE II ENVIRONMENTAL SITE ASSESSMENT (October 12, 2010)

The City of South Bend Redevelopment Commission, during its meeting of July 23, 2010 authorized Phifer Environmental Services to perform the recommended Phase II Environmental Site Assessment. Following several delays in schedule to allow for the tenant of the garage to re-locate auto/trucks within the rear fenced area; PES mobilized D & T Drilling Services (Geoprobe contractor) on September 24, 2010 to commence with soil and groundwater sampling efforts.

Geoprobe methodologies (small, track-mounted, hydraulically driven sampling probe) were used to collect soil and groundwater samples from a total of four locations (GP 1 through GP-4) on the subject property. Referring to Appendix A, Figure 3 and Figure 4, Geoprobe location GP-1 was established in the general area of waste oil storage at the southwest corner of the building exterior (significant surficial staining). Location GP-2 was established within the grassy area to the north of the garage building, within the grassy area which historically served as a residential dwelling identified as 1521 Kendall Avenue. Location GP-3 was established within three feet of the interior floor drain within the easternmost auto bay of the garage; whereas location GP-4 was established within three feet of the floor drain of the westernmost auto bay. It should be noted that the westernmost bay also appeared to have been originally designed as a paint spray booth with respect to the former Gammage Enterprises auto body operations.

Following the collection of representative soil samples, soil borings GP-1 through GP-4 were converted to temporary wells with insertion of a groundwater sampling device. The groundwater sampling device allows for the extension of a stainless steel slotted screen for collection of a groundwater sample from the point at which the saturated or water-bearing zone was encountered. Saturated conditions were generally encountered at a depth of 19-feet below land surface. Ample regeneration occurred at each of the temporary well locations to allow for continuous sampling efforts.

Based upon the analytical data collected as part of the initial Phase II Environmental Site Assessment (included in Data Summary Table 1 and Summary Table 2), Phifer Environmental Services concluded the following:

1) Although Tetrachloroethylene was detected in two of four temporary groundwater monitoring wells installed as part of the Phase II Site Investigation; it was not detected in any of the soil samples submitted for analysis. In addition, there were no indications of the presence of contamination as part of field screening efforts (PID, olfactory, visual observations). We note that only the two easternmost

borings/temporary wells were impacted, at levels above RISC Residential (0.005 mg/L), but well below RISC Industrial Default Closure Criteria (0.055 mg/L).

All of these factors would tend to indicate a potential for the on-site migration of Tetrachloroethylene from an off-site source. Along those lines, several former dry cleaning facilities were historically located along Indiana Avenue to the south of the subject site. Tetrachloroethylene is often used in the dry cleaning industry as a solvent for the cleaning of non-washable fabrics. With an assumed groundwater flow direction to the north/northeast, toward the St. Joseph River (topographically toward the subject site), such former dry cleaning operations would be considered as potentially up gradient of the subject site.

2) Dibromochloromethane, identified in groundwater collected from location GP-3, is most often formed as a by-product when chlorine is added to water supply systems to kill bacteria. Dibromochloromethane is also widely used as a laboratory reagent. However, a review of the QA/QC data provided by the laboratory did not indicate identify any significant sources of Dibromochloromethane as part of the method blank or laboratory control sample analyses. In light of the aforementioned, and in consideration of the low level reported (at the laboratory detection limit); PES did not consider the presence of Dibromochloromethane to be associated with any current or historical, site related, automotive repair or body shop activities.

3) Some level of surficial contamination (Total Petroleum Hydrocarbons – High End Organics) in the general area of waste oil storage is present as a result of sloppy transfer operations. However, it would appear as though such "incidental contamination" can be appropriately addressed through excavation, provided the source of incidental contamination is eliminated. Concentrations of such contamination are well below the RISC Residential Default Closure criteria at a depth of 2-feet below land surface, and there were no contaminants of concern identified in the groundwater taken at the same location. Such results would point to a centralized area of impact, as opposed to migration of contaminants to the extent that other areas of the property have been significantly impacted. PES would recommend that such excavation be undertaken "near term" in order to avoid any potential for future contaminant migration.

In conclusion, PES recommended additional assessment to further assess the potential source of Tetrachloroethylene in groundwater identified by the Initial Phase II Environmental Site Assessment.

SUPPLEMENTAL SITE ASSESSMENT

Phifer Environmental Services submitted a proposal for performing a Supplemental Environmental Assessment of the Kendall Street Properties (Proposal P10 - 139, dated October 25, 2010); which was subsequently approved by the South Bend Redevelopment Commission on November 2, 2010. PES subsequently mobilized D & T Drilling Services to the subject site on December 1, 2010 for installation of an additional five soil borings (identified as GP-5 through GP-9). Prior to mobilization for drilling services, Indiana Utility Locate Services was contacted for the purpose of clearing utilities in the area of investigation.

Soil Sampling via Geoprobe Methodology

Geoprobe methodologies (small, track-mounted, hydraulically driven sampling probe) were used to collect soil samples from a total of four locations (GP 5 through GP-9) on the subject property. As indicated by Figure 3 and Figure 4, Geoprobe locations GP-1 through GP-4 were established as part of the aforementioned initial Phase II Environmental Site Assessment (October 12, 2010). Geoprobe boring GP-5 was established within the neighborhood park to the east of the 1527 Kendall Street garage. Location GP-6 was installed within the common alleyway at the southeast corner of the 1527 Kendall Street property. Although a location closed to potential sources along Indiana Avenue may have been more appropriate for assessing potential contribution from up gradient sources, the City of South Bend did not own the vacant lot to the south of the 1527 Kendall Street garage, nor did it own the vacant lot to the southeast, across Kendall Street. Locations GP7 and GP-8 were established within up gradient locations of 1527 Kendall Street, on land that historically served as a residential dwelling (733 W. Indiana Avenue), and is currently owned by the City of South Bend. Location GP-9 was established within the common alleyway to the west of the 1527 Kendall Street property as a means of assessing the potential for migration of contaminants from the west. It should be noted that the presumed groundwater flow direction for the area of the subject site would be to the north/northeast, toward the St. Joseph River, located approximately 1.25-miles northeast of the subject site.

For Geoprobe boring locations GP-5 through GP-9, soil samples were collected in approximate 5-foot intervals (length of the Geoprobe sampling device) throughout the soil profile, until saturated conditions were encountered. Each soil sample interval was screened for the presence of volatile organics by first passing a PID over the complete 5-foot section, followed by placing a portion of the soil sample into a plastic bag, allowing time for equilibration, and insertion of a photoionization detector (PID) probe to observe a reading of "total VOCs" in parts per million (ppm). All data associated with the field screening of VOCs was recorded for future reference (Appendix B - Soil Boring Logs).

A portion of each discrete sampling interval (excluding the water bearing or saturated zone) was collected for submittal to the laboratory. Given that the initial Phase II Environmental Site Assessment did not reveal the presence of VOCs in the upper intervals of soil at the subject site, and that Tetrachloroethylene was only detected in groundwater (GP-2, GP-3); in the absence of any field screening data that would indicate the presence of VOCs in the upper soil intervals, PES planned to submit soil samples from the two depth intervals near the point of water saturation (approximately 19 feet below land surface according to the initial Phase II data) for laboratory analysis. The notable exception to this was the 23' depth interval submitted from location GP-9. This sample was collected from within the saturated zone as was indicated both visually at the time of collection, and by the higher percent moisture content (14.5%).

Each of the soil samples selected for laboratory analysis was analyzed for the presence of Volatile Organic Compounds (VOCs). PES utilized IDEM guidance Terra-Core Methods to collect soil samples from each discrete sampling interval for analysis of VOCs. All soil samples were labeled, packed on ice and forwarded to the laboratory under chain-of-custody procedures. For this project, Pace Analytical Laboratories of Indianapolis, Indiana was subcontracted to perform the analysis of selected samples (VOCs via EPA Method 8260).

Temporary Geoprobe Well Installation for Groundwater Sampling

PES converted each of the five Geoprobe soil borings (G5-5 through GP-9) to temporary wells with insertion of a Geoprobe groundwater sampling device. The groundwater sampling device allows for the extension of a stainless steel slotted screen for collection of a groundwater sample from the point at which the saturated or water-bearing zone was encountered.

Once extension of the slotted screen was complete, each temporary well was purged until such time as the water discharge became relatively free of solids, or until a minimum of two gallons of water had been withdrawn (wells did not clear completely of suspended solids). Groundwater from each of the temporary wells was analyzed for similar constituents identified for soil samples (VOCs).

Groundwater samples were collected in laboratory provided containers to which the appropriate sample preservatives (hydrochloric acid for VOCs) had been added. Once collected, the groundwater samples were appropriately labeled, packed on ice, and forwarded to the laboratory (priority overnight delivery) under chain-of-custody procedures.

With completion of sampling activities, and given that there were no indications of contamination identified by field screening; the purge waters and excess soils were returned to the respective borings from which they were derived. Each of the boreholes was subsequently backfilled with bentonite pellets to form a seal and prevent the potential for introduction of contaminants from the surface to the underlying soil and/or groundwater as a result of the boring/well installation.

SUMMARY OF RESULTS – SUPPLEMENTAL SITE ASSESSMENT

Geoprobe Soil Sampling

Copies of the Soil Boring Logs are provided for each of the Geoprobe installations in Appendix B. According to the Soil Survey of St. Joseph County, soils in the area of the site are classified as being of the Oshtemo series (Oshtemo sandy loam, 0 to 2 percent slope). Oshtemo series soils consist of deep, well-drained nearly level to strongly sloping soils on outwash plains and terraces. Native vegetation for these soils is mainly mixed hardwoods. In a representative profile, the surface layer is very dark grayish-brown sandy loam, approximately 6-inches thick. The subsurface layer is a dark-brown sandy loam, approximately 10-inches thick. The subsoil is approximately 38-inches thick and consists of dark-brown, firm gravelly sandy clay loam for the first 12-inches, and a strong-brown, friable loamy sand for the remaining 26-inches. The underlying material is light, yellowish-brown, stratified sand and gravelly sand that extends to 60-inches. Permeability is considered to be moderately rapid, with low available water capacity. Organic matter in the surface layer is considered high, and runoff is considered slow to medium.

As indicated by the Soil Boring Logs, soils encountered at the subject site primarily consisted of silty sands, transitioning to coarse sands and gravel. During the initial Phase II Site Assessment, demolition debris associated with the former residential dwelling was encountered at location GP-2; however as part of the Supplemental Site Assessment, no such demolition debris was identified. Also, as with the initial Phase II

Site Assessment, saturated conditions were generally encountered at a depth of approximately 19-feet to 19.5-feet below land surface.

PES did not observe any visual or olfactory indications of the presence of contamination during the soil sampling process for any of the selected Geoprobe locations. Similarly, field screening of various depth intervals using a photoionization detector, did not identify any elevated readings for any of the Geoprobe locations.

Analytical results (laboratory datasheets provided as Appendix C) for soil samples submitted for laboratory analysis are summarized in Table 1. As indicated, analysis of the selected soil samples for the presence of VOCs did not reveal the presence of any VOC above the specified laboratory detection limits for soil samples submitted from borings GP-1 through GP-7. For locations GP-8 and GP-9, samples collected from above the zone of saturation (depths ranging from 15-feet to 19-feet), as well as the sample collected from within the saturated zone (GP-9 @ 23-feet); Tetrachloroethylene was detected, albeit below the RISC Residential Default Closure Value. We note that locations GP-8 and GP-9 are essentially up gradient of the garage building (1527 Kendall Street), assuming a north/northeasterly groundwater flow direction for the area.

Tetrachloroethylene was not detected in any of the other soil samples submitted for laboratory analysis (No VOCs detected above laboratory detection limits). Such laboratory detection limits meet or exceed criterion for Residential and Commercial/Industrial Risk Integrated System of Closure (RISC) Default Values established by the Indiana Department of Environmental Management (IDEM) for the identified Compounds of Concern. The identified Default Closure Values are derived from the lowest of five factors that include: 1) concentration for soil saturation, 2) soil attenuation capacity, 3) calculations regarding risk-based construction worker scenario, 4) calculations regarding risk-based direct exposure, and 5) calculations regarding the potential exposure as a result of migration to groundwater. Default Closure Values are considered protective of human health.

Geoprobe Well Sampling

Each of the Geoprobe borings (GP-5 through GP-9) was converted to a temporary groundwater sampling location by pushing slotted screen into the annulus created by the Geoprobe for collection of soil samples. Once the Geoprobe groundwater sampling device was extended, a dedicated piece of tubing, having an approximate 1-foot long stainless steel foot valve attachment, was placed down-hole. The up and down motion of the tubing was sufficient to bring the groundwater sample to the point of discharge, and thus allow for sample collection. For each of the temporary wells, sufficient water bearing capacity existed to allow for a continuous extraction of water without requiring intermittent re-charge.

As presented in Table 2 (laboratory datasheets provided as Appendix C), Tetrachloroethylene was initially detected for two of the four groundwater samples collected from the temporary groundwater wells installed during the initial Phase II Environmental Site Assessment. Tetrachloroethylene in groundwater was reported from locations GP-2 (0.015 mg/L) and GP-3 (0.0116 mg/L). Tetrachloroethylene was not detected above the reported laboratory detection limit of 0.005 mg/L for groundwater samples collected from locations GP-1 or GP-4.

TABLE 1

Kendall Street Properties
Summary of Soil Analytical Results
(all results expressed as mg/kg)
Geoprobe Designation/Depth

Contaminant of Concern	GP-1 (1' - 2')	GP-2 (3' - 4')	GP-3 (3' - 4')	GP-4 (3'- 4')	GP-5 (14')	GP-5 (18.5')	GP-6 (14')	GP-6 (18.5')	GP-7 (14')	GP-7 (18.5')	GP-8 (15')	GP-8 (18.5')	GP-9 (19')	GP-9 (23')
Volatile Organics	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Tetrachloroethylene											0.0064	0.0128	0.0221	0.0384
High End Organics	75.5	ND	ND	ND	NTA	NTA	NTA	NTA	NTA	NTA	NTA	NTA	NTA	NTA
Percent Moisture	14.7%	4.9%	6.1%	6.3%	2.7%	2.3%	3.4%	1.8%	1.3%	3.0%	3.4%	2.7%	4.7%	14.5%

ND - Not Detected
NTA - Not Analyzed

TABLE 2

Summary of Groundwater Results
(all results expressed as mg/L)
Temporary Well Designation

Contaminant of Concern	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9
Volatile Organics	ND			ND	ND	ND	ND	ND	
Tetrachrolroethylene		0.015	0.0116						0.046
Dibromochloromethane		ND	0.005						ND

TABLE 3

Summary of Applicable Environmental Guidelines

	RISC RESIDENTIAL DEFAULT CLOSURE	RISC INDUSTRIAL DEFAULT CLOSURE
SOILS		
Tetrachloroethylene	0.058 mg/kg	0.64 mg/kg
High End Organics	230 mg/kg	2300 mg/kg
GROUNDWATER		
Tetrachloroethylene	0.005 mg/L	0.055 ml/L
Dibromochloromethane	NA	NA

NA - Not Applicable

With respect to the Supplemental Assessment, Tetrachloroethylene was only detected in the groundwater sample collected from location GP-9 (0.0459 mg/L), which is roughly three times the highest concentration reported from the initial Phase II Site Assessment (GP-2 (0.015 mg/L). The Residential RISC Default Closure Value, and Maximum Contaminant Level (MCL) for Tetrachloroethylene are established as 0.005 mg/L (refer to Table 3). The Industrial RISC Default Closure Criteria is established as 0.055 mg/L. No VOCs were detected in groundwater samples collected from temporary wells GP-5 through GP-8.

CONCLUSIONS/RECOMMENDATIONS

Based upon laboratory data and field observations during the installation of Geoprobe borings/temporary wells associated with the Kendall Street Properties (both Phase II Environmental Site Assessment and Supplemental Site Assessment); Tetrachloroethylene contamination as observed in groundwater and soil samples collected to date does not appear to indicate the auto repair garage (1527 Kendall Street) as a likely source. However, other potential sources historically located to the south and southwest of the Kendall Street properties, remain suspect.

Although Tetrachloroethylene was detected in two of four temporary groundwater monitoring wells installed as part of the Phase II Site Investigation; it was not detected in any of the soil samples submitted for analysis. Similarly, during the Supplemental Assessment, Tetrachloroethylene was only detected at locations considered as up gradient of the subject site (GP-8 and GP-9). The fact that the Tetrachloroethylene concentrations increased with depth at both of these locations (15' to 19'), with the highest concentration being within the saturated zone at location GP-9 (23' bls), may be an indication that Tetrachloroethylene in soil is due to the continually rising and falling groundwater levels in the area. In such instance, Tetrachloroethylene in groundwater is sorbed onto the soil particles and into the soil pore spaces; whereby it is retained for an extended period of time until forces causing a downward migration (i.e., excessive rainfall) scrubs the Tetrachloroethylene from the soil pores, eventually returning to the groundwater aquifer (via percolation).

Another potential explanation for the presence of Tetrachloroethylene in soils, given that Tetrachloroethylene is heavier than water and would not be expected to significantly migrate in a lateral direction, would be that the source of the contamination is relatively near. The presence of a proximal source might also explain the presence of the Tetrachloroethylene being present in the upper portions of the groundwater aquifer. As previously indicated, there is a long standing history of the presence of dry cleaning operations for the immediate area of the subject site.

In any event, we note concentrations of Tetrachloroethylene in soil samples collected to date do not appear to be above the RISC Residential Default Closure Criteria; however groundwater concentrations of Tetrachloroethylene reported to date exceed the RISC Residential Default Closure Criteria of 0.005 mg/L, while remaining below the RISC Industrial Default Closure Criteria of 0.055 mg/L.

It should be noted that RISC Industrial Default Closure Criteria is applicable when used in conjunction with a "recorded" Restrictive Environmental Covenant prohibiting groundwater use at the subject site. We note that the former Allied Stamping Plant and the former South Bend Lathe/Studebaker Assembly Plant to the north/northeast of the subject site have Restrictive Environmental Covenants in place for both soil (direct

contact) and groundwater contamination. The City of South Bend may wish to undertake a similar approach with respect to the subject site, noting that the area of the subject site is serviced by municipal water and sanitary sewer services. Additional investigation would likely be required to further characterize the site, and confirm the likely off-site source of such contamination in groundwater. Such investigation should also assess concentrations of Tertrachloroethylene at extended depths within the saturated zone, given Tetrachloroethylene's propensity for being heavier than water and therefore accumulating along the top of bedrock or other confining layers to form a Dense Non-Aqueous Phase Liquid (DNAPL).

QUALIFICATIONS

This report is intended for use exclusively by the City of South Bend subject to the qualifications and certifications herein. Use of this report for purposes beyond those reasonably intended by the City of South Bend, and Phifer Environmental Services, LLC, is at the sole risk of the user. The results and conclusions, as presented herein, are applicable to the specific dates and locations, as noted. This report does not warrant against future operations or conditions, nor does it warrant against historical operations or conditions that may have occurred at locations not specifically investigated by Phifer Environmental Services. While the conclusions and recommendations drawn from this Supplemental Environmental Site Assessment are considered reliable; any other existing localized contamination or variations in subsurface conditions, unknown to Phifer Environmental Services, may not have been identified or fully defined by this Environmental Assessment.

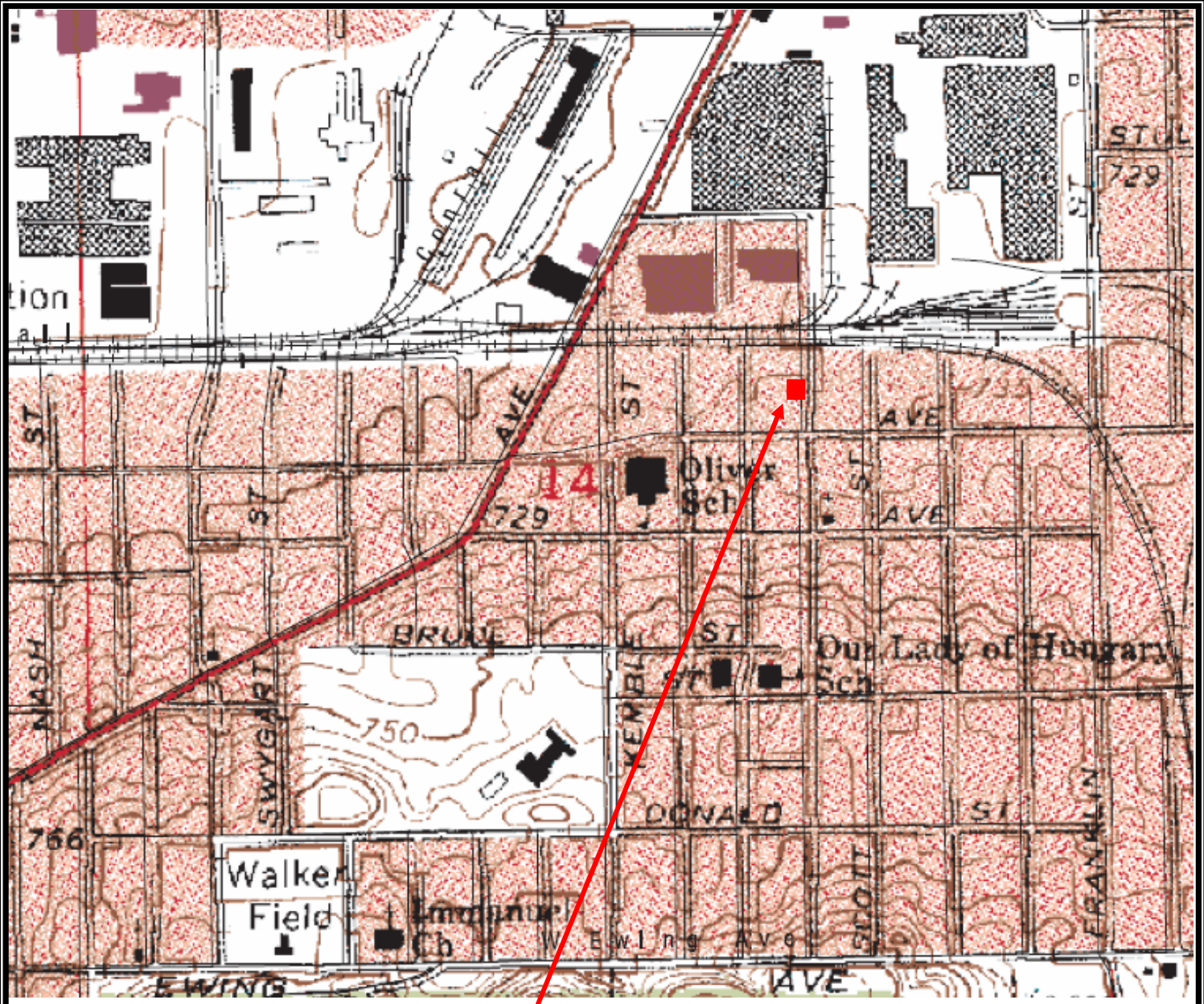
Phifer Environmental Services, LLC appreciates the opportunity to be of service to the City of South Bend on this project. Should you have any questions contact us at (574) 968-7191.

Sincerely,
PHIFER ENVIRONMENTAL SERVICES, LLC

Conley Phifer, CHMM

APPENDIX A

FIGURES



Date: October 11, 2010	Project: Commercial Garage 1521&1527 Kendall Ave. South Bend, Indiana	Drawn By: CP
Scale: Not Shown		Approved By: CBP
Source: USGS South Bend West	Project No. 10-044	Figure 1 – Site Location Map

Phifer Environmental Services LLC

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LEGEND

1. Subject Site (1521 & 1527 Kendall)
2. Rum Village Neighborhood Park
3. Former Gas Station (721 W. Indiana)
4. Residential (733 W. Indiana)
5. Barany Sheet Metal (735-747 W. Indiana)
6. Residential (1526 Chapin)

Date: October 11, 2010	Project: Commercial Garage 1521 & 1527 Kendall Ave. South Bend, Indiana	Drawn By: CP
Scale: Not Shown		Approved By: CBP
Source: Google Earth	Project No. 10-044	Figure 2 – Surrounding Property

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Date: December 28, 2010	Project: City of South Bend Kendall Street Properties Phase II Site Assessment	Drawn By: JP
Scale: Not to Scale		Approved By: CBP
Source: Google Earth	Project No. 10-056	Figure 3 – Concentrations of PCE In Soils

Foster Environmental Services LLC
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Date: December 28, 2010	Project: City of South Bend Kendall Street Properties Phase II Site Assessment	Drawn By: JP
Scale: Not to Scale		Approved By: CBP
Source: Google Earth	Project No. 10-056	Figure 4 – Concentrations of PCE In Groundwater

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APPENDIX B

SOIL BORING LOGS

Phifer Environmental Services
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FIELD BORING LOG

Boring #: GP-1	**Project: 1521/1527 Kendall Ave.**
Client: City of South Bend	
Location: 5-ft. North of fence line (east/west alleyway), 5-ft. West of east entry gate (area of visible incidental oil spillage due to transfer to drum containers).	
Start Date: September 24, 2010	**End Date:** September 24, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0’ – 0.25’	GW	Gravel Cover
			0.25 – 0.50’	GW	Ground asphalt-like gravel cover
GP-1 (2’)		2 ppm	0.50’ – 3.0’	SP	Dark brown fine silty sand
GP-1 (6’)		0 ppm	3.0’ – 7.0’	SP	Reddish-brown fine silty sand
GP-1 (12’)		0 ppm	7.0’ – 12.0’	SP	Light-brown, very fine silty sand
			12.0’ – 13.0’	SW	Reddish-brown med. to coarse sand
GP-1 (17’)		0 ppm	13.0’ – 18.0’	SW	Light-brown, coarse sand & gravel
			18.0’ – 24.0’	SW	Reddish-brown coarse sand & gravel (moist @ 19.0’ becoming saturated at 20’ below land surface)
			24.0’ – 25.0’	SW	Gray to light-brown coarse sand & gravel

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FIELD BORING LOG

Boring #: GP-2	**Project: 1521/1527 Kendall Ave.**
Client: City of South Bend	
Location: 20-ft. North of Northeast corner of garage building, within adjacent vacant lot	
Start Date: September 24, 2010	**End Date:** September 24, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0’ – 0.50’		Grass cover and organic topsoil
			0.50’ – 4.0’		Brick ruble, demolition debris w/ light brown sand fill
GP-2 (4’)		0 ppm	4.0’ – 5.0’	SP	Dark brown to blackish fine silty sand
GP-2 (8’)		0 ppm	5.0’ – 8.5’	SP	Light-brown, very fine to med. sand
GP-2 (12’)		0 ppm	8.5’ – 13.5’	SW	Reddish-brown med. to coarse sand
GP-2 (17’)		0 ppm	13.5’ – 18.0’	SW	Light-brown to grayish, coarse sand & gravel
			18.0’ – 25.0’	SP	Light-brown, fine sand (moist @ 19.0’ becoming saturated at 20’ below land surface)

Phifer Environmental Services
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FIELD BORING LOG

Boring #: GP-3	**Project: 1521/1527 Kendall Ave.**
Client: City of South Bend	
Location: 3-ft. Northeast corner of existing floor drain, easternmost garage service bay	
Start Date: September 24, 2010	**End Date:** September 24, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0’ – 0.75’		Concrete
GP-3 (4’)		0 ppm	0.75’ – 5.0’	SW	Dark reddish-brown, fine to med. silty sand
					Clearance insufficient to allow for sampling tube change-out; no indication of contamination on 0’-5’ depth interval; proceeded with direct push of groundwater sampling tool to depth of 25’.

Phifer Environmental Services
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FIELD BORING LOG

Boring #: GP-4	**Project: 1521/1527 Kendall Ave.**
Client: City of South Bend	
Location: 2-ft. Northeast corner of existing floor drain, westernmost garage service bay	
Start Date: September 24, 2010	**End Date:** September 24, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0’ – 0.75’		Concrete
			0.75’ – 1.5’		Dark black, heavy organic topsoil
			1.5’ – 3.0’	ML	Dark reddish-brown, coarse silty/clayey fine sand
GP-4 (4’)		0 ppm	3.0’ – 5.0’	SM	Reddish-brown, fine sand
					Clearance insufficient to allow for sampling tube change-out; no indication of contamination on 0’-5’ depth interval; proceeded with direct push of groundwater sampling tool to depth of 25’.

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FIELD BORING LOG

Boring #: GP-5	**Project: 1521/1527 Kendall Ave. (Supp)**
Client: City of South Bend	
Location: Neighborhood park, East of 1527 Kendall Street; approximately 8' South of park sidewalk, 8' East of public sidewalk; approximately 5' Northwest of existing water tap	
Start Date: December 1, 2010	**End Date:** December 1, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0' – 1.5'	SW	Dark brown/blackish loamy organic layer (topsoil)
			1.5' – 2.5'	SM	Dark brown fine silty sand
GP-5 (3')		0 ppm	2.5' – 7.0'	SM	Reddish-brown fine silty sand
GP-5 (8')		0 ppm	7.0' – 12.5'	SP	Light brown fine silty sand
GP-5 (13')		0 ppm	12.5' – 14.0'	SW	Reddish-brown coarse sand w/ gravel
GP-5 (18.5')		0 ppm	14.0' – 19.0'	SW	Light brown coarse sand w/ gravel
			19.0' – 25.0'	SW	Reddish-brown coarse sand w/ gravel; (moist @ 19.5'; saturated @ 20' bls)

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FIELD BORING LOG

Boring #: GP-6	**Project: 1521/1527 Kendall Ave. (Supp)**
Client: City of South Bend	
Location: At intersection of E/W alley and Kendall Street, adjacent to 1527 Kendall Street address, approximately 10' south of power pole, 3' west of public sidewalk	
Start Date: December 1, 2010	**End Date:** December 1, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0' – 0.5'	GW	Large to small size gravel cover w/ fines
GP-6 (3')		0 ppm	0.5' – 3.5'	SW	Dark brown fine silty sand
GP-6 (8')		0 ppm	3.5' – 8.0'	SP	Reddish-brown fine/med. silty sand
			8.0' – 13.5'	SP	Light brown fine sand
GP-6 (13')		0 ppm	13.5' – 15.0'	SW	Reddish-brown coarse sand w/ gravel
			15.0' – 17.0'	SW	Light brown coarse sand w/ gravel
GP-6 (18')		0 ppm	17.0' – 24.5'	SW	Reddish-brown coarse sand w/ gravel; (moist @ 19.5'; saturated @ 20' bls)
			24.5 – 25.0	SW	Light gray to brown coarse sand w/ gravel

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FIELD BORING LOG

Boring #: GP-7	**Project: 1521/1527 Kendall Ave. (Supp)**
Client: City of South Bend	
Location: Front yard of 733 W. Indiana; approximately 6' West of N/S property line (bushes), approximately 6' North of public sidewalk	
Start Date: December 1, 2010	**End Date:** December 1, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0' – 1.5'	SW	Dark brown/blackish loamy organic layer (topsoil)
GP-7 (3')		0 ppm	1.5' – 8.5'	SP	Reddish-brown fine/med. silty sand
GP-7 (8.5') GP-7 (13')		0 ppm 0 ppm	8.5' – 18.0'	SW	Light brown fine/med sand
GP-7 (18')		0 ppm	18.0' – 25.0'	SW	Reddish-brown med to coarse sand w/ gravel; (moist @ 20.5'; saturated @ 21' bls)

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FIELD BORING LOG

Boring #: GP-8	**Project: 1521/1527 Kendall Ave. (Supp)**
Client: City of South Bend	
Location: Rear yard of 733 W. Indiana; approximately 8' West of N/S property line (bushes), approximately 20' South of south line of E/W alleyway	
Start Date: December 1, 2010	**End Date:** December 1, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0' – 1.5'	SW	Dark brown/blackish loamy organic layer (topsoil)
GP-8 (3')		0 ppm	1.5' – 8.5'	SW	Reddish-brown fine/med. silty sand
GP-8 (8.5') GP-8 (13')		0 ppm 0 ppm	8.5' – 17.5'	SW	Light brown fine/med sand
GP-8 (18')		0 ppm	17.5' – 25.0'	SP	Reddish-brown med sand w/ gravel; (moist @ 19.5'; saturated @ 20' bls)

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FIELD BORING LOG

Boring #: GP-9	**Project: 1521/1527 Kendall Ave. (Supp)**
Client: City of South Bend	
Location: Rear alleyway (West of 1527 Kendall Street), approximately 28' from Northline of alleyway	
Start Date: December 1, 2010	**End Date:** December 1, 2010
Ground Elevation:	**Total Depth:** 25 ft. bls
Drill Company: D & T Drilling	**Driller:** Josh Compo
Logged By: C. Phifer	**Drill Method:** Geoprobe

SAMPLE #	PENETROMETER	PID DETECTOR	DEPTH	USCS SYMBOL	DESCRIPTION OF MATERIAL: *(Soil Description, USCS, Color, Moisture, Other Observations)*
			0' – 0.5'	GW	Large to small size gravel cover w/ fines
			0.5' – 2.5'	SW	Dark brown/blackish med. sand w/ gravel
GP-9 (3')		0 ppm	2.5' – 8.5'	SW	Reddish-brown fine/med. sand w/gravel
GP-9 (8.5') GP-9 (13')		0 ppm 0 ppm	8.5' – 18.5'	SW	Light brown fine/med sand w/ gravel
GP-9 (19')		0 ppm	18.5' – 25.0	SP	Reddish-brown med sand w/ gravel; (moist @ 19.5'; saturated @ 20' bls)

APPENDIX C

ANALYTICAL DATASHEETS

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

October 04, 2010

Mr. Conley Phifer
Phifer Environmental Svcs.
2502 Lincoln Way West
Mishawaka, IN 46546

RE: Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Dear Mr. Phifer:
Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Andrew Votaw

andrew.votaw@pacelabs.com
Project Manager

Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

Pace Analytical Services, Inc.
7726 Moller Road
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(317)875-5894

SAMPLE SUMMARY

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5041827001	**KENDALL GP-1 2'**	Solid	09/24/10 08:35	09/25/10 12:07
5041827005	**KENDALL GP-2 4'**	Solid	09/24/10 10:15	09/25/10 12:07
5041827009	**KENDALL GP-3 4'**	Solid	09/24/10 11:50	09/25/10 12:07
5041827010	**KENDALL GP-4 4'**	Solid	09/24/10 12:40	09/25/10 12:07
5041827011	**KENDALL GP-1**	Water	09/24/10 09:45	09/25/10 12:07
5041827012	**KENDALL GP-2**	Water	09/24/10 11:05	09/25/10 12:07
5041827013	**KENDALL GP-3**	Water	09/24/10 12:05	09/25/10 12:07
5041827014	**KENDALL GP-4**	Water	09/24/10 13:00	09/25/10 12:07

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SAMPLE ANALYTE COUNT

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5041827001	**KENDALL GP-1 2'**	EPA 8015 Mod Ext	EDD	2
		EPA 8260	HEB	73
		ASTM D2974-87	JTP	1
5041827005	**KENDALL GP-2 4'**	EPA 8015 Mod Ext	EDD	2
		EPA 8260	HEB	73
		ASTM D2974-87	JTP	1
5041827009	**KENDALL GP-3 4'**	EPA 8015 Mod Ext	EDD	2
		EPA 8260	HEB	73
		ASTM D2974-87	JTP	1
5041827010	**KENDALL GP-4 4'**	EPA 8015 Mod Ext	EDD	2
		EPA 8260	HEB	73
		ASTM D2974-87	JTP	1
5041827011	**KENDALL GP-1**	EPA 8260	HEB	72
5041827012	**KENDALL GP-2**	EPA 8260	HEB	72
5041827013	**KENDALL GP-3**	EPA 8260	HEB	72
5041827014	**KENDALL GP-4**	EPA 8260	HEB	72

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-1 2' **Lab ID: 5041827001** Collected: 09/24/10 08:35 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	**75.5**	mg/kg	11.7	1	09/27/10 13:20	09/28/10 06:40		
n-Pentacosane (S)	94	%	30-126	1	09/27/10 13:20	09/28/10 06:40	629-99-2	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.1	1		09/30/10 02:46	67-64-1	
Acrolein	ND	ug/kg	90.1	1		09/30/10 02:46	107-02-8	
Acrylonitrile	ND	ug/kg	90.1	1		09/30/10 02:46	107-13-1	
Benzene	ND	ug/kg	4.5	1		09/30/10 02:46	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		09/30/10 02:46	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		09/30/10 02:46	75-27-4	
Bromoform	ND	ug/kg	4.5	1		09/30/10 02:46	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		09/30/10 02:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.5	1		09/30/10 02:46	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		09/30/10 02:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		09/30/10 02:46	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	75-00-3	
Chloroform	ND	ug/kg	4.5	1		09/30/10 02:46	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		09/30/10 02:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		09/30/10 02:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		09/30/10 02:46	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		09/30/10 02:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		09/30/10 02:46	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		09/30/10 02:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	90.1	1		09/30/10 02:46	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		09/30/10 02:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 02:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 02:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 02:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 02:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 02:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 02:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 02:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 02:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 02:46	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.0	1		09/30/10 02:46	97-63-2	

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-1 2' **Lab ID: 5041827001** Collected: 09/24/10 08:35 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		09/30/10 02:46	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		09/30/10 02:46	110-54-3	
2-Hexanone	ND	ug/kg	90.1	1		09/30/10 02:46	591-78-6	
Iodomethane	ND	ug/kg	90.1	1		09/30/10 02:46	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		09/30/10 02:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		09/30/10 02:46	99-87-6	
Methylene chloride	ND	ug/kg	18.0	1		09/30/10 02:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.5	1		09/30/10 02:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		09/30/10 02:46	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		09/30/10 02:46	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	103-65-1	
Styrene	ND	ug/kg	4.5	1		09/30/10 02:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		09/30/10 02:46	127-18-4	
Toluene	ND	ug/kg	4.5	1		09/30/10 02:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		09/30/10 02:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		09/30/10 02:46	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		09/30/10 02:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		09/30/10 02:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		09/30/10 02:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		09/30/10 02:46	108-67-8	
Vinyl acetate	ND	ug/kg	90.1	1		09/30/10 02:46	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		09/30/10 02:46	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		09/30/10 02:46	1330-20-7	
Dibromofluoromethane (S)	100	%	80-124	1		09/30/10 02:46	1868-53-7	
Toluene-d8 (S)	103	%	58-145	1		09/30/10 02:46	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-131	1		09/30/10 02:46	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.7**	%	0.10	1		09/27/10 17:18		

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-2 4' **Lab ID: 5041827005** Collected: 09/24/10 10:15 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	10.5	1	09/27/10 13:20	09/28/10 06:33		
n-Pentacosane (S)	65	%	30-126	1	09/27/10 13:20	09/28/10 06:33	629-99-2	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	83.6	1		09/30/10 03:13	67-64-1	
Acrolein	ND	ug/kg	83.6	1		09/30/10 03:13	107-02-8	
Acrylonitrile	ND	ug/kg	83.6	1		09/30/10 03:13	107-13-1	
Benzene	ND	ug/kg	4.2	1		09/30/10 03:13	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		09/30/10 03:13	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		09/30/10 03:13	75-27-4	
Bromoform	ND	ug/kg	4.2	1		09/30/10 03:13	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		09/30/10 03:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.9	1		09/30/10 03:13	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	98-06-6	
Carbon disulfide	ND	ug/kg	8.4	1		09/30/10 03:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		09/30/10 03:13	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	75-00-3	
Chloroform	ND	ug/kg	4.2	1		09/30/10 03:13	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		09/30/10 03:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		09/30/10 03:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1		09/30/10 03:13	106-43-4	
Dibromochloromethane	ND	ug/kg	4.2	1		09/30/10 03:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		09/30/10 03:13	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1		09/30/10 03:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	83.6	1		09/30/10 03:13	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		09/30/10 03:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		09/30/10 03:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		09/30/10 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		09/30/10 03:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		09/30/10 03:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1		09/30/10 03:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1		09/30/10 03:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1		09/30/10 03:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		09/30/10 03:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		09/30/10 03:13	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	100-41-4	
Ethyl methacrylate	ND	ug/kg	8.4	1		09/30/10 03:13	97-63-2	

Pace Analytical Services, Inc.
7726 Moller Road
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(317)875-5894

ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-2 4' **Lab ID: 5041827005** Collected: 09/24/10 10:15 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		09/30/10 03:13	87-68-3	
n-Hexane	ND	ug/kg	4.2	1		09/30/10 03:13	110-54-3	
2-Hexanone	ND	ug/kg	83.6	1		09/30/10 03:13	591-78-6	
Iodomethane	ND	ug/kg	83.6	1		09/30/10 03:13	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		09/30/10 03:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		09/30/10 03:13	99-87-6	
Methylene chloride	ND	ug/kg	16.7	1		09/30/10 03:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.9	1		09/30/10 03:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		09/30/10 03:13	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		09/30/10 03:13	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	103-65-1	
Styrene	ND	ug/kg	4.2	1		09/30/10 03:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		09/30/10 03:13	127-18-4	
Toluene	ND	ug/kg	4.2	1		09/30/10 03:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		09/30/10 03:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		09/30/10 03:13	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		09/30/10 03:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		09/30/10 03:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		09/30/10 03:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		09/30/10 03:13	108-67-8	
Vinyl acetate	ND	ug/kg	83.6	1		09/30/10 03:13	108-05-4	
Vinyl chloride	ND	ug/kg	4.2	1		09/30/10 03:13	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		09/30/10 03:13	1330-20-7	
Dibromofluoromethane (S)	106	%	80-124	1		09/30/10 03:13	1868-53-7	
Toluene-d8 (S)	101	%	58-145	1		09/30/10 03:13	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-131	1		09/30/10 03:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.9**	%	0.10	1		09/27/10 17:18		

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-3 4' **Lab ID: 5041827009** Collected: 09/24/10 11:50 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	10.6	1	09/27/10 13:20	09/28/10 06:54		
n-Pentacosane (S)	82	%	30-126	1	09/27/10 13:20	09/28/10 06:54	629-99-2	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	97.5	1		09/30/10 03:41	67-64-1	
Acrolein	ND	ug/kg	97.5	1		09/30/10 03:41	107-02-8	
Acrylonitrile	ND	ug/kg	97.5	1		09/30/10 03:41	107-13-1	
Benzene	ND	ug/kg	4.9	1		09/30/10 03:41	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		09/30/10 03:41	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		09/30/10 03:41	75-27-4	
Bromoform	ND	ug/kg	4.9	1		09/30/10 03:41	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		09/30/10 03:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.4	1		09/30/10 03:41	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	98-06-6	
Carbon disulfide	ND	ug/kg	9.7	1		09/30/10 03:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		09/30/10 03:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	75-00-3	
Chloroform	ND	ug/kg	4.9	1		09/30/10 03:41	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		09/30/10 03:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		09/30/10 03:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		09/30/10 03:41	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		09/30/10 03:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		09/30/10 03:41	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		09/30/10 03:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	97.5	1		09/30/10 03:41	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		09/30/10 03:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		09/30/10 03:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		09/30/10 03:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		09/30/10 03:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		09/30/10 03:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		09/30/10 03:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		09/30/10 03:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		09/30/10 03:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		09/30/10 03:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		09/30/10 03:41	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.7	1		09/30/10 03:41	97-63-2	

Pace Analytical Services, Inc.
7726 Moller Road
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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-3 4' **Lab ID: 5041827009** Collected: 09/24/10 11:50 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		09/30/10 03:41	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		09/30/10 03:41	110-54-3	
2-Hexanone	ND	ug/kg	97.5	1		09/30/10 03:41	591-78-6	
Iodomethane	ND	ug/kg	97.5	1		09/30/10 03:41	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		09/30/10 03:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		09/30/10 03:41	99-87-6	
Methylene chloride	ND	ug/kg	19.5	1		09/30/10 03:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.4	1		09/30/10 03:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		09/30/10 03:41	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		09/30/10 03:41	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	103-65-1	
Styrene	ND	ug/kg	4.9	1		09/30/10 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		09/30/10 03:41	127-18-4	
Toluene	ND	ug/kg	4.9	1		09/30/10 03:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		09/30/10 03:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		09/30/10 03:41	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		09/30/10 03:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		09/30/10 03:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		09/30/10 03:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		09/30/10 03:41	108-67-8	
Vinyl acetate	ND	ug/kg	97.5	1		09/30/10 03:41	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		09/30/10 03:41	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		09/30/10 03:41	1330-20-7	
Dibromofluoromethane (S)	98	%	80-124	1		09/30/10 03:41	1868-53-7	
Toluene-d8 (S)	99	%	58-145	1		09/30/10 03:41	2037-26-5	
4-Bromofluorobenzene (S)	91	%	61-131	1		09/30/10 03:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.1**	%	0.10	1		09/27/10 17:18		

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-4 4' **Lab ID: 5041827010** Collected: 09/24/10 12:40 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	10.7	1	09/27/10 13:20	09/28/10 07:09		
n-Pentacosane (S)	68	%	30-126	1	09/27/10 13:20	09/28/10 07:09	629-99-2	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	89.8	1		09/30/10 04:08	67-64-1	
Acrolein	ND	ug/kg	89.8	1		09/30/10 04:08	107-02-8	
Acrylonitrile	ND	ug/kg	89.8	1		09/30/10 04:08	107-13-1	
Benzene	ND	ug/kg	4.5	1		09/30/10 04:08	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		09/30/10 04:08	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		09/30/10 04:08	75-27-4	
Bromoform	ND	ug/kg	4.5	1		09/30/10 04:08	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		09/30/10 04:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.5	1		09/30/10 04:08	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		09/30/10 04:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		09/30/10 04:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	75-00-3	
Chloroform	ND	ug/kg	4.5	1		09/30/10 04:08	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		09/30/10 04:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		09/30/10 04:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		09/30/10 04:08	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		09/30/10 04:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		09/30/10 04:08	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		09/30/10 04:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	89.8	1		09/30/10 04:08	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		09/30/10 04:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 04:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 04:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/30/10 04:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 04:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 04:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		09/30/10 04:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 04:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 04:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/30/10 04:08	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.0	1		09/30/10 04:08	97-63-2	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-4 4' **Lab ID: 5041827010** Collected: 09/24/10 12:40 Received: 09/25/10 12:07 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		09/30/10 04:08	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		09/30/10 04:08	110-54-3	
2-Hexanone	ND	ug/kg	89.8	1		09/30/10 04:08	591-78-6	
Iodomethane	ND	ug/kg	89.8	1		09/30/10 04:08	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		09/30/10 04:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		09/30/10 04:08	99-87-6	
Methylene chloride	ND	ug/kg	18.0	1		09/30/10 04:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.5	1		09/30/10 04:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		09/30/10 04:08	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		09/30/10 04:08	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	103-65-1	
Styrene	ND	ug/kg	4.5	1		09/30/10 04:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		09/30/10 04:08	127-18-4	
Toluene	ND	ug/kg	4.5	1		09/30/10 04:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		09/30/10 04:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		09/30/10 04:08	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		09/30/10 04:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		09/30/10 04:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		09/30/10 04:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		09/30/10 04:08	108-67-8	
Vinyl acetate	ND	ug/kg	89.8	1		09/30/10 04:08	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		09/30/10 04:08	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		09/30/10 04:08	1330-20-7	
Dibromofluoromethane (S)	98	%	80-124	1		09/30/10 04:08	1868-53-7	
Toluene-d8 (S)	102	%	58-145	1		09/30/10 04:08	2037-26-5	
4-Bromofluorobenzene (S)	90	%	61-131	1		09/30/10 04:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.3**	%	0.10	1		09/27/10 17:19		

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-1 **Lab ID: 5041827011** Collected: 09/24/10 09:45 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/30/10 14:14	67-64-1	
Acrolein	ND	ug/L	50.0	1		09/30/10 14:14	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/30/10 14:14	107-13-1	
Benzene	ND	ug/L	5.0	1		09/30/10 14:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/30/10 14:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/30/10 14:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/30/10 14:14	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/30/10 14:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/30/10 14:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/30/10 14:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/30/10 14:14	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/30/10 14:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/30/10 14:14	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/30/10 14:14	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/30/10 14:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 14:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 14:14	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/30/10 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/30/10 14:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/30/10 14:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/30/10 14:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/30/10 14:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/30/10 14:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/30/10 14:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:14	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/30/10 14:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/30/10 14:14	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		09/30/10 14:14	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/30/10 14:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/30/10 14:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/30/10 14:14	99-87-6	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-1 **Lab ID: 5041827011** Collected: 09/24/10 09:45 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		09/30/10 14:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/30/10 14:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/30/10 14:14	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/30/10 14:14	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	103-65-1	
Styrene	ND	ug/L	5.0	1		09/30/10 14:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 14:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 14:14	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/30/10 14:14	127-18-4	
Toluene	ND	ug/L	5.0	1		09/30/10 14:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/30/10 14:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/30/10 14:14	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/30/10 14:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/30/10 14:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/30/10 14:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 14:14	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/30/10 14:14	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/30/10 14:14	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/30/10 14:14	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		09/30/10 14:14	1868-53-7	
4-Bromofluorobenzene (S)	94	%	70-126	1		09/30/10 14:14	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		09/30/10 14:14	2037-26-5	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-2 **Lab ID: 5041827012** Collected: 09/24/10 11:05 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/30/10 00:29	67-64-1	
Acrolein	ND	ug/L	50.0	1		09/30/10 00:29	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/30/10 00:29	107-13-1	
Benzene	ND	ug/L	5.0	1		09/30/10 00:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/30/10 00:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/30/10 00:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/30/10 00:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/30/10 00:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/30/10 00:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/30/10 00:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/30/10 00:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/30/10 00:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/30/10 00:29	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/30/10 00:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/30/10 00:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 00:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 00:29	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/30/10 00:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/30/10 00:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/30/10 00:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/30/10 00:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/30/10 00:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/30/10 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/30/10 00:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/30/10 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 00:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 00:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/30/10 00:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 00:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/30/10 00:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 00:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/30/10 00:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/30/10 00:29	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		09/30/10 00:29	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/30/10 00:29	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/30/10 00:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/30/10 00:29	99-87-6	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-2 **Lab ID: 5041827012** Collected: 09/24/10 11:05 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		09/30/10 00:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/30/10 00:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/30/10 00:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/30/10 00:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	103-65-1	
Styrene	ND	ug/L	5.0	1		09/30/10 00:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 00:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 00:29	79-34-5	
Tetrachloroethene	**15.0**	ug/L	5.0	1		09/30/10 00:29	127-18-4	
Toluene	ND	ug/L	5.0	1		09/30/10 00:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 00:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/30/10 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/30/10 00:29	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/30/10 00:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/30/10 00:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/30/10 00:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 00:29	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/30/10 00:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/30/10 00:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/30/10 00:29	1330-20-7	
Dibromofluoromethane (S)	104	%	80-123	1		09/30/10 00:29	1868-53-7	
4-Bromofluorobenzene (S)	89	%	70-126	1		09/30/10 00:29	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		09/30/10 00:29	2037-26-5	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-3 **Lab ID: 5041827013** Collected: 09/24/10 12:05 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/30/10 01:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		09/30/10 01:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/30/10 01:51	107-13-1	
Benzene	ND	ug/L	5.0	1		09/30/10 01:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/30/10 01:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/30/10 01:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/30/10 01:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/30/10 01:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/30/10 01:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/30/10 01:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/30/10 01:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/30/10 01:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/30/10 01:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/30/10 01:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/30/10 01:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 01:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 01:51	106-43-4	
Dibromochloromethane	**5.0**	ug/L	5.0	1		09/30/10 01:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/30/10 01:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/30/10 01:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/30/10 01:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/30/10 01:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/30/10 01:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/30/10 01:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/30/10 01:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 01:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 01:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 01:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/30/10 01:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 01:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/30/10 01:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 01:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 01:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/30/10 01:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/30/10 01:51	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		09/30/10 01:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/30/10 01:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/30/10 01:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/30/10 01:51	99-87-6	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-3 **Lab ID: 5041827013** Collected: 09/24/10 12:05 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		09/30/10 01:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/30/10 01:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/30/10 01:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/30/10 01:51	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	103-65-1	
Styrene	ND	ug/L	5.0	1		09/30/10 01:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 01:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 01:51	79-34-5	
Tetrachloroethene	**11.6**	ug/L	5.0	1		09/30/10 01:51	127-18-4	
Toluene	ND	ug/L	5.0	1		09/30/10 01:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 01:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/30/10 01:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/30/10 01:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/30/10 01:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/30/10 01:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/30/10 01:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 01:51	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/30/10 01:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/30/10 01:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/30/10 01:51	1330-20-7	
Dibromofluoromethane (S)	98	%	80-123	1		09/30/10 01:51	1868-53-7	
4-Bromofluorobenzene (S)	96	%	70-126	1		09/30/10 01:51	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		09/30/10 01:51	2037-26-5	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-4 **Lab ID: 5041827014** Collected: 09/24/10 13:00 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/30/10 14:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		09/30/10 14:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/30/10 14:41	107-13-1	
Benzene	ND	ug/L	5.0	1		09/30/10 14:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/30/10 14:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/30/10 14:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/30/10 14:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/30/10 14:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/30/10 14:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/30/10 14:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/30/10 14:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/30/10 14:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/30/10 14:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/30/10 14:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/30/10 14:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 14:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/30/10 14:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/30/10 14:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/30/10 14:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/30/10 14:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/30/10 14:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/30/10 14:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/30/10 14:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/30/10 14:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/30/10 14:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/30/10 14:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/30/10 14:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/30/10 14:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/30/10 14:41	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		09/30/10 14:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/30/10 14:41	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/30/10 14:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/30/10 14:41	99-87-6	

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ANALYTICAL RESULTS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

Sample: KENDALL GP-4 **Lab ID: 5041827014** Collected: 09/24/10 13:00 Received: 09/25/10 12:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		09/30/10 14:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/30/10 14:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/30/10 14:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/30/10 14:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	103-65-1	
Styrene	ND	ug/L	5.0	1		09/30/10 14:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 14:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/30/10 14:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/30/10 14:41	127-18-4	
Toluene	ND	ug/L	5.0	1		09/30/10 14:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/30/10 14:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/30/10 14:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/30/10 14:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/30/10 14:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/30/10 14:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/30/10 14:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/30/10 14:41	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/30/10 14:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/30/10 14:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/30/10 14:41	1330-20-7	
Dibromofluoromethane (S)	98	%	80-123	1		09/30/10 14:41	1868-53-7	
4-Bromofluorobenzene (S)	93	%	70-126	1		09/30/10 14:41	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		09/30/10 14:41	2037-26-5	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

QC Batch: OEXT/21011 Analysis Method: EPA 8015 Mod Ext
QC Batch Method: EPA 3546 Analysis Description: EPA 8015 Modified
Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

METHOD BLANK: 487182 Matrix: Solid
Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
High End Organics (C8-C34)	mg/kg	ND	10.0	09/28/10 06:19	
n-Pentacosane (S)	%	75	30-126	09/28/10 06:19	

LABORATORY CONTROL SAMPLE: 487183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
High End Organics (C8-C34)	mg/kg	83.3	60.1	72	47-107	
n-Pentacosane (S)	%			79	30-126	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 487184 487185

Parameter	Units	5041606031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
High End Organics (C8-C34)	mg/kg	756	93.5	93.5	1010	1690	268	998	23-115	51	20	P6,R1
n-Pentacosane (S)	%						0	0	30-126		20	S4

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

QC Batch: MSV/27065 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5041827012, 5041827013

METHOD BLANK: 488803 Matrix: Water
Associated Lab Samples: 5041827012, 5041827013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,1,1-Trichloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,1,2-Trichloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,1-Dichloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,1-Dichloroethene	ug/L	ND	5.0	09/30/10 00:01	
1,1-Dichloropropene	ug/L	ND	5.0	09/30/10 00:01	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
1,2,3-Trichloropropane	ug/L	ND	5.0	09/30/10 00:01	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	09/30/10 00:01	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	09/30/10 00:01	
1,2-Dichlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
1,2-Dichloroethane	ug/L	ND	5.0	09/30/10 00:01	
1,2-Dichloropropane	ug/L	ND	5.0	09/30/10 00:01	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	09/30/10 00:01	
1,3-Dichlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
1,3-Dichloropropane	ug/L	ND	5.0	09/30/10 00:01	
1,4-Dichlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
2,2-Dichloropropane	ug/L	ND	5.0	09/30/10 00:01	
2-Butanone (MEK)	ug/L	ND	25.0	09/30/10 00:01	
2-Chlorotoluene	ug/L	ND	5.0	09/30/10 00:01	
2-Hexanone	ug/L	ND	25.0	09/30/10 00:01	
4-Chlorotoluene	ug/L	ND	5.0	09/30/10 00:01	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	09/30/10 00:01	
Acetone	ug/L	ND	100	09/30/10 00:01	
Acrolein	ug/L	ND	50.0	09/30/10 00:01	
Acrylonitrile	ug/L	ND	100	09/30/10 00:01	
Benzene	ug/L	ND	5.0	09/30/10 00:01	
Bromobenzene	ug/L	ND	5.0	09/30/10 00:01	
Bromochloromethane	ug/L	ND	5.0	09/30/10 00:01	
Bromodichloromethane	ug/L	ND	5.0	09/30/10 00:01	
Bromoform	ug/L	ND	5.0	09/30/10 00:01	
Bromomethane	ug/L	ND	5.0	09/30/10 00:01	
Carbon disulfide	ug/L	ND	10.0	09/30/10 00:01	
Carbon tetrachloride	ug/L	ND	5.0	09/30/10 00:01	
Chlorobenzene	ug/L	ND	5.0	09/30/10 00:01	
Chloroethane	ug/L	ND	5.0	09/30/10 00:01	
Chloroform	ug/L	ND	5.0	09/30/10 00:01	
Chloromethane	ug/L	ND	5.0	09/30/10 00:01	
cis-1,2-Dichloroethene	ug/L	ND	5.0	09/30/10 00:01	
cis-1,3-Dichloropropene	ug/L	ND	5.0	09/30/10 00:01	
Dibromochloromethane	ug/L	ND	5.0	09/30/10 00:01	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

METHOD BLANK: 488803 Matrix: Water

Associated Lab Samples: 5041827012, 5041827013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	09/30/10 00:01	
Dichlorodifluoromethane	ug/L	ND	5.0	09/30/10 00:01	
Ethyl methacrylate	ug/L	ND	100	09/30/10 00:01	
Ethylbenzene	ug/L	ND	5.0	09/30/10 00:01	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	09/30/10 00:01	
Iodomethane	ug/L	ND	10.0	09/30/10 00:01	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	09/30/10 00:01	
Methyl-tert-butyl ether	ug/L	ND	4.0	09/30/10 00:01	
Methylene chloride	ug/L	ND	5.0	09/30/10 00:01	
n-Butylbenzene	ug/L	ND	5.0	09/30/10 00:01	
n-Propylbenzene	ug/L	ND	5.0	09/30/10 00:01	
Naphthalene	ug/L	ND	5.0	09/30/10 00:01	
p-Isopropyltoluene	ug/L	ND	5.0	09/30/10 00:01	
sec-Butylbenzene	ug/L	ND	5.0	09/30/10 00:01	
Styrene	ug/L	ND	5.0	09/30/10 00:01	
tert-Butylbenzene	ug/L	ND	5.0	09/30/10 00:01	
Tetrachloroethene	ug/L	ND	5.0	09/30/10 00:01	
Toluene	ug/L	ND	5.0	09/30/10 00:01	
trans-1,2-Dichloroethene	ug/L	ND	5.0	09/30/10 00:01	
trans-1,3-Dichloropropene	ug/L	ND	5.0	09/30/10 00:01	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	09/30/10 00:01	
Trichloroethene	ug/L	ND	5.0	09/30/10 00:01	
Trichlorofluoromethane	ug/L	ND	5.0	09/30/10 00:01	
Vinyl acetate	ug/L	ND	10.0	09/30/10 00:01	
Vinyl chloride	ug/L	ND	2.0	09/30/10 00:01	
Xylene (Total)	ug/L	ND	10.0	09/30/10 00:01	
4-Bromofluorobenzene (S)	%	90	70-126	09/30/10 00:01	
Dibromofluoromethane (S)	%	97	80-123	09/30/10 00:01	
Toluene-d8 (S)	%	99	80-116	09/30/10 00:01	

LABORATORY CONTROL SAMPLE: 488804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	39.5	79	69-130	
1,1,1-Trichloroethane	ug/L	50	42.3	85	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	63.9	128	69-131	
1,1,2-Trichloroethane	ug/L	50	53.9	108	77-132	
1,1-Dichloroethane	ug/L	50	52.3	105	67-133	
1,1-Dichloroethene	ug/L	50	52.5	105	63-128	
1,1-Dichloropropene	ug/L	50	48.1	96	75-134	
1,2,3-Trichlorobenzene	ug/L	50	46.1	92	58-131	
1,2,3-Trichloropropane	ug/L	100	85.5	85	60-131	
1,2,4-Trichlorobenzene	ug/L	50	40.5	81	60-130	
1,2,4-Trimethylbenzene	ug/L	50	50.4	101	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	75-126	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 488804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	52.2	104	76-124	
1,2-Dichloroethane	ug/L	50	51.6	103	69-139	
1,2-Dichloropropane	ug/L	50	53.5	107	76-129	
1,3,5-Trimethylbenzene	ug/L	50	54.0	108	74-130	
1,3-Dichlorobenzene	ug/L	50	52.3	105	76-125	
1,3-Dichloropropane	ug/L	50	58.7	117	74-126	
1,4-Dichlorobenzene	ug/L	50	50.5	101	75-122	
2,2-Dichloropropane	ug/L	50	35.5	71	53-144	
2-Butanone (MEK)	ug/L	250	268	107	47-189	
2-Chlorotoluene	ug/L	50	54.8	110	72-128	
2-Hexanone	ug/L	250	318	127	57-167	
4-Chlorotoluene	ug/L	50	55.7	111	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	281	113	61-135	
Acetone	ug/L	250	299	120	30-170	
Acrolein	ug/L	1000	789	79	30-170	
Acrylonitrile	ug/L	1000	1060	106	67-136	
Benzene	ug/L	50	49.6	99	78-127	
Bromobenzene	ug/L	50	48.4	97	62-139	
Bromochloromethane	ug/L	50	53.7	107	54-162	
Bromodichloromethane	ug/L	50	47.9	96	69-133	
Bromoform	ug/L	50	42.2	84	60-127	
Bromomethane	ug/L	50	33.9	68	30-170	
Carbon disulfide	ug/L	100	85.6	86	58-152	
Carbon tetrachloride	ug/L	50	37.3	75	62-143	
Chlorobenzene	ug/L	50	52.2	104	75-123	
Chloroethane	ug/L	50	50.3	101	56-153	
Chloroform	ug/L	50	49.6	99	74-131	
Chloromethane	ug/L	50	44.3	89	35-147	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	74-128	
cis-1,3-Dichloropropene	ug/L	50	42.2	84	58-123	
Dibromochloromethane	ug/L	50	41.9	84	66-131	
Dibromomethane	ug/L	50	52.2	104	73-133	
Dichlorodifluoromethane	ug/L	50	33.7	67	30-170	
Ethyl methacrylate	ug/L	200	206	103	59-138	
Ethylbenzene	ug/L	50	51.7	103	81-126	
Hexachloro-1,3-butadiene	ug/L	50	42.0	84	70-130	
Iodomethane	ug/L	100	78.1	78	41-170	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	80-130	
Methyl-tert-butyl ether	ug/L	100	95.2	95	66-147	
Methylene chloride	ug/L	50	40.1	80	32-164	
n-Butylbenzene	ug/L	50	48.4	97	68-135	
n-Propylbenzene	ug/L	50	56.0	112	71-132	
Naphthalene	ug/L	50	51.5	103	61-135	
p-Isopropyltoluene	ug/L	50	50.3	101	66-131	
sec-Butylbenzene	ug/L	50	52.9	106	73-130	
Styrene	ug/L	50	50.7	101	74-128	
tert-Butylbenzene	ug/L	50	44.4	89	63-117	
Tetrachloroethene	ug/L	50	45.0	90	60-119	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 488804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.5	103	75-129	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	71-126	
trans-1,3-Dichloropropene	ug/L	50	36.9	74	54-123	
trans-1,4-Dichloro-2-butene	ug/L	200	162	81	47-141	
Trichloroethene	ug/L	50	49.1	98	74-130	
Trichlorofluoromethane	ug/L	50	50.5	101	62-150	
Vinyl acetate	ug/L	200	149	74	41-145	
Vinyl chloride	ug/L	50	44.7	89	55-141	
Xylene (Total)	ug/L	150	153	102	76-132	
4-Bromofluorobenzene (S)	%			93	70-126	
Dibromofluoromethane (S)	%			99	80-123	
Toluene-d8 (S)	%			101	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 488805 488806

Parameter	Units	5041827012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	33.0	32.6	66	65	55-131	1	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	37.6	40.2	75	80	64-143	7	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	55.0	55.0	110	110	64-142	.1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	47.4	48.3	95	97	71-143	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	46.8	50.2	94	100	68-139	7	20	
1,1-Dichloroethene	ug/L	ND	50	50	49.4	51.7	99	103	55-140	4	20	
1,1-Dichloropropene	ug/L	ND	50	50	44.7	43.3	89	87	66-140	3	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	37.7	31.3	75	63	33-140	19	20	
1,2,3-Trichloropropane	ug/L	ND	100	100	65.3	71.8	65	72	58-133	9	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	34.6	26.8	69	54	28-140	25	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	43.7	31.3	87	63	39-146	33	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	45.5	45.7	91	91	67-134	.4	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	44.4	36.6	89	73	48-137	19	20	
1,2-Dichloroethane	ug/L	ND	50	50	46.8	50.0	94	100	63-148	7	20	
1,2-Dichloropropane	ug/L	ND	50	50	47.6	48.4	95	97	70-136	2	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	46.9	33.9	94	68	39-145	32	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	44.7	34.3	89	69	40-143	26	20	
1,3-Dichloropropane	ug/L	ND	50	50	51.6	51.2	103	102	65-133	.7	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	43.3	33.2	87	66	38-142	26	20	
2,2-Dichloropropane	ug/L	ND	50	50	30.1	35.5	60	71	35-157	17	20	
2-Butanone (MEK)	ug/L	ND	250	250	231	252	92	101	62-132	9	20	
2-Chlorotoluene	ug/L	ND	50	50	47.3	36.6	95	73	44-143	25	20	
2-Hexanone	ug/L	ND	250	250	261	274	104	110	61-141	5	20	
4-Chlorotoluene	ug/L	ND	50	50	48.0	36.4	96	73	43-140	27	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	240	253	96	101	57-135	5	20	
Acetone	ug/L	ND	250	250	261	293	105	117	30-170	12	20	
Acrolein	ug/L	ND	1000	1000	1500	1700	150	170	30-170	12	20	
Acrylonitrile	ug/L	ND	1000	1000	955	1030	96	103	66-137	7	20	
Benzene	ug/L	ND	50	50	46.0	47.0	92	94	63-141	2	20	
Bromobenzene	ug/L	ND	50	50	42.0	35.4	84	71	57-128	17	20	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 488805 488806

Parameter	Units	5041827012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/L	ND	50	50	48.0	50.7	96	101	65-157	5	20	
Bromodichloromethane	ug/L	ND	50	50	41.0	43.8	82	88	63-135	7	20	
Bromoform	ug/L	ND	50	50	33.4	35.8	67	72	58-124	7	20	
Bromomethane	ug/L	ND	50	50	30.1	34.1	60	68	30-170	12	20	
Carbon disulfide	ug/L	ND	100	100	89.9	91.7	90	92	46-162	2	20	
Carbon tetrachloride	ug/L	ND	50	50	31.5	34.2	63	68	54-145	8	20	
Chlorobenzene	ug/L	ND	50	50	46.7	39.3	93	79	56-133	17	20	
Chloroethane	ug/L	ND	50	50	47.0	50.7	94	101	54-157	8	20	
Chloroform	ug/L	ND	50	50	45.4	47.0	91	94	67-134	3	20	
Chloromethane	ug/L	ND	50	50	42.4	43.6	85	87	36-137	3	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	43.7	44.8	87	90	65-132	3	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	37.0	37.0	74	74	46-121	.09	20	
Dibromochloromethane	ug/L	ND	50	50	34.7	36.2	69	72	64-124	4	20	
Dibromomethane	ug/L	ND	50	50	46.5	49.8	93	100	67-144	7	20	
Dichlorodifluoromethane	ug/L	ND	50	50	32.4	34.9	65	70	30-163	7	20	
Ethyl methacrylate	ug/L	ND	200	200	178	188	89	94	52-140	5	20	
Ethylbenzene	ug/L	ND	50	50	45.6	37.3	91	75	44-151	20	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	34.2	19.4	68	39	30-145	55	20	
Iodomethane	ug/L	ND	100	100	70.4	76.5	70	76	28-168	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	42.0	31.5	84	63	40-148	29	20	1d
Methyl-tert-butyl ether	ug/L	ND	100	100	85.3	93.6	85	94	52-156	9	20	
Methylene chloride	ug/L	ND	50	50	41.0	44.4	82	89	46-154	8	20	
n-Butylbenzene	ug/L	ND	50	50	41.4	25.0	83	50	27-153	49	20	
n-Propylbenzene	ug/L	ND	50	50	48.2	34.4	96	69	40-148	33	20	
Naphthalene	ug/L	ND	50	50	40.8	39.8	82	80	44-138	2	20	
p-Isopropyltoluene	ug/L	ND	50	50	42.9	27.9	86	56	34-146	42	20	
sec-Butylbenzene	ug/L	ND	50	50	45.0	30.6	90	61	38-150	38	20	
Styrene	ug/L	ND	50	50	45.4	36.4	91	73	38-141	22	20	
tert-Butylbenzene	ug/L	ND	50	50	42.9	31.2	86	62	32-133	32	20	
Tetrachloroethene	ug/L	15.0	50	50	55.5	47.3	81	64	25-146	16	20	
Toluene	ug/L	ND	50	50	46.2	41.0	88	77	59-142	12	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	47.2	47.1	94	94	60-137	.3	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	31.3	32.2	63	64	43-117	3	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	137	137	69	69	44-139	.2	20	
Trichloroethene	ug/L	ND	50	50	42.4	41.0	85	82	61-137	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	47.6	50.5	95	101	53-162	6	20	
Vinyl acetate	ug/L	ND	200	200	127	149	63	75	24-132	16	20	
Vinyl chloride	ug/L	ND	50	50	42.5	45.4	85	91	51-144	6	20	
Xylene (Total)	ug/L	ND	150	150	136	107	91	71	44-152	24	20	
4-Bromofluorobenzene (S)	%						94	92	70-126		20	
Dibromofluoromethane (S)	%						98	102	80-123		20	
Toluene-d8 (S)	%						103	101	80-116		20	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

QC Batch: MSV/27107 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5041827011, 5041827014

METHOD BLANK: 489554 Matrix: Water
Associated Lab Samples: 5041827011, 5041827014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,1,1-Trichloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,1,2-Trichloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,1-Dichloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,1-Dichloroethene	ug/L	ND	5.0	09/30/10 12:24	
1,1-Dichloropropene	ug/L	ND	5.0	09/30/10 12:24	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
1,2,3-Trichloropropane	ug/L	ND	5.0	09/30/10 12:24	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	09/30/10 12:24	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	09/30/10 12:24	
1,2-Dichlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
1,2-Dichloroethane	ug/L	ND	5.0	09/30/10 12:24	
1,2-Dichloropropane	ug/L	ND	5.0	09/30/10 12:24	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	09/30/10 12:24	
1,3-Dichlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
1,3-Dichloropropane	ug/L	ND	5.0	09/30/10 12:24	
1,4-Dichlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
2,2-Dichloropropane	ug/L	ND	5.0	09/30/10 12:24	
2-Butanone (MEK)	ug/L	ND	25.0	09/30/10 12:24	
2-Chlorotoluene	ug/L	ND	5.0	09/30/10 12:24	
2-Hexanone	ug/L	ND	25.0	09/30/10 12:24	
4-Chlorotoluene	ug/L	ND	5.0	09/30/10 12:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	09/30/10 12:24	
Acetone	ug/L	ND	100	09/30/10 12:24	
Acrolein	ug/L	ND	50.0	09/30/10 12:24	
Acrylonitrile	ug/L	ND	100	09/30/10 12:24	
Benzene	ug/L	ND	5.0	09/30/10 12:24	
Bromobenzene	ug/L	ND	5.0	09/30/10 12:24	
Bromochloromethane	ug/L	ND	5.0	09/30/10 12:24	
Bromodichloromethane	ug/L	ND	5.0	09/30/10 12:24	
Bromoform	ug/L	ND	5.0	09/30/10 12:24	
Bromomethane	ug/L	ND	5.0	09/30/10 12:24	
Carbon disulfide	ug/L	ND	10.0	09/30/10 12:24	
Carbon tetrachloride	ug/L	ND	5.0	09/30/10 12:24	
Chlorobenzene	ug/L	ND	5.0	09/30/10 12:24	
Chloroethane	ug/L	ND	5.0	09/30/10 12:24	
Chloroform	ug/L	ND	5.0	09/30/10 12:24	
Chloromethane	ug/L	ND	5.0	09/30/10 12:24	
cis-1,2-Dichloroethene	ug/L	ND	5.0	09/30/10 12:24	
cis-1,3-Dichloropropene	ug/L	ND	5.0	09/30/10 12:24	
Dibromochloromethane	ug/L	ND	5.0	09/30/10 12:24	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

METHOD BLANK: 489554 Matrix: Water

Associated Lab Samples: 5041827011, 5041827014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	09/30/10 12:24	
Dichlorodifluoromethane	ug/L	ND	5.0	09/30/10 12:24	
Ethyl methacrylate	ug/L	ND	100	09/30/10 12:24	
Ethylbenzene	ug/L	ND	5.0	09/30/10 12:24	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	09/30/10 12:24	
Iodomethane	ug/L	ND	10.0	09/30/10 12:24	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	09/30/10 12:24	
Methyl-tert-butyl ether	ug/L	ND	4.0	09/30/10 12:24	
Methylene chloride	ug/L	ND	5.0	09/30/10 12:24	
n-Butylbenzene	ug/L	ND	5.0	09/30/10 12:24	
n-Propylbenzene	ug/L	ND	5.0	09/30/10 12:24	
Naphthalene	ug/L	ND	5.0	09/30/10 12:24	
p-Isopropyltoluene	ug/L	ND	5.0	09/30/10 12:24	
sec-Butylbenzene	ug/L	ND	5.0	09/30/10 12:24	
Styrene	ug/L	ND	5.0	09/30/10 12:24	
tert-Butylbenzene	ug/L	ND	5.0	09/30/10 12:24	
Tetrachloroethene	ug/L	ND	5.0	09/30/10 12:24	
Toluene	ug/L	ND	5.0	09/30/10 12:24	
trans-1,2-Dichloroethene	ug/L	ND	5.0	09/30/10 12:24	
trans-1,3-Dichloropropene	ug/L	ND	5.0	09/30/10 12:24	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	09/30/10 12:24	
Trichloroethene	ug/L	ND	5.0	09/30/10 12:24	
Trichlorofluoromethane	ug/L	ND	5.0	09/30/10 12:24	
Vinyl acetate	ug/L	ND	10.0	09/30/10 12:24	
Vinyl chloride	ug/L	ND	2.0	09/30/10 12:24	
Xylene (Total)	ug/L	ND	10.0	09/30/10 12:24	
4-Bromofluorobenzene (S)	%	93	70-126	09/30/10 12:24	
Dibromofluoromethane (S)	%	98	80-123	09/30/10 12:24	
Toluene-d8 (S)	%	99	80-116	09/30/10 12:24	

LABORATORY CONTROL SAMPLE: 489555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	38.7	77	69-130	
1,1,1-Trichloroethane	ug/L	50	43.0	86	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	59.9	120	69-131	
1,1,2-Trichloroethane	ug/L	50	52.7	105	77-132	
1,1-Dichloroethane	ug/L	50	53.9	108	67-133	
1,1-Dichloroethene	ug/L	50	48.4	97	63-128	
1,1-Dichloropropene	ug/L	50	49.6	99	75-134	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	58-131	
1,2,3-Trichloropropane	ug/L	100	82.6	83	60-131	
1,2,4-Trichlorobenzene	ug/L	50	45.1	90	60-130	
1,2,4-Trimethylbenzene	ug/L	50	52.7	105	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	75-126	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 489555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	53.1	106	76-124	
1,2-Dichloroethane	ug/L	50	51.7	103	69-139	
1,2-Dichloropropane	ug/L	50	54.6	109	76-129	
1,3,5-Trimethylbenzene	ug/L	50	56.2	112	74-130	
1,3-Dichlorobenzene	ug/L	50	53.5	107	76-125	
1,3-Dichloropropane	ug/L	50	57.2	114	74-126	
1,4-Dichlorobenzene	ug/L	50	52.3	105	75-122	
2,2-Dichloropropane	ug/L	50	37.7	75	53-144	
2-Butanone (MEK)	ug/L	250	349	140	47-189	
2-Chlorotoluene	ug/L	50	56.1	112	72-128	
2-Hexanone	ug/L	250	381	153	57-167	
4-Chlorotoluene	ug/L	50	57.7	115	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	273	109	61-135	
Acetone	ug/L	250	497	199	30-170	L3
Acrolein	ug/L	1000	578	58	30-170	
Acrylonitrile	ug/L	1000	1080	108	67-136	
Benzene	ug/L	50	50.5	101	78-127	
Bromobenzene	ug/L	50	50.2	100	62-139	
Bromochloromethane	ug/L	50	54.6	109	54-162	
Bromodichloromethane	ug/L	50	47.8	96	69-133	
Bromoform	ug/L	50	39.7	79	60-127	
Bromomethane	ug/L	50	32.4	65	30-170	
Carbon disulfide	ug/L	100	87.3	87	58-152	
Carbon tetrachloride	ug/L	50	37.0	74	62-143	
Chlorobenzene	ug/L	50	53.9	108	75-123	
Chloroethane	ug/L	50	46.7	93	56-153	
Chloroform	ug/L	50	50.7	101	74-131	
Chloromethane	ug/L	50	45.5	91	35-147	
cis-1,2-Dichloroethene	ug/L	50	49.5	99	74-128	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	58-123	
Dibromochloromethane	ug/L	50	40.7	81	66-131	
Dibromomethane	ug/L	50	52.2	104	73-133	
Dichlorodifluoromethane	ug/L	50	33.6	67	30-170	
Ethyl methacrylate	ug/L	200	201	100	59-138	
Ethylbenzene	ug/L	50	53.4	107	81-126	
Hexachloro-1,3-butadiene	ug/L	50	46.3	93	70-130	
Iodomethane	ug/L	100	72.2	72	41-170	
Isopropylbenzene (Cumene)	ug/L	50	50.9	102	80-130	
Methyl-tert-butyl ether	ug/L	100	94.6	95	66-147	
Methylene chloride	ug/L	50	40.6	81	32-164	
n-Butylbenzene	ug/L	50	54.0	108	68-135	
n-Propylbenzene	ug/L	50	58.3	117	71-132	
Naphthalene	ug/L	50	49.4	99	61-135	
p-Isopropyltoluene	ug/L	50	53.5	107	66-131	
sec-Butylbenzene	ug/L	50	55.6	111	73-130	
Styrene	ug/L	50	52.8	106	74-128	
tert-Butylbenzene	ug/L	50	46.0	92	63-117	
Tetrachloroethene	ug/L	50	47.2	94	60-119	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 489555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.8	102	75-129	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	71-126	
trans-1,3-Dichloropropene	ug/L	50	37.5	75	54-123	
trans-1,4-Dichloro-2-butene	ug/L	200	174	87	47-141	
Trichloroethene	ug/L	50	50.9	102	74-130	
Trichlorofluoromethane	ug/L	50	50.2	100	62-150	
Vinyl acetate	ug/L	200	149	75	41-145	
Vinyl chloride	ug/L	50	44.0	88	55-141	
Xylene (Total)	ug/L	150	160	107	76-132	
4-Bromofluorobenzene (S)	%			97	70-126	
Dibromofluoromethane (S)	%			97	80-123	
Toluene-d8 (S)	%			99	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 489556 489557

Parameter	Units	5041696005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	35.6	37.8	71	76	55-131	6	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	40.7	43.7	81	87	64-143	7	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	57.7	56.8	115	114	64-142	1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	49.9	50.3	100	101	71-143	.9	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.8	51.5	102	103	68-139	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	46.3	48.0	93	96	55-140	4	20	
1,1-Dichloropropene	ug/L	ND	50	50	47.5	48.3	95	97	66-140	2	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	40.1	41.9	80	84	33-140	5	20	
1,2,3-Trichloropropane	ug/L	ND	100	100	74.1	75.8	74	76	58-133	2	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	38.1	39.6	76	79	28-140	4	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	47.0	47.0	94	94	39-146	.2	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	47.1	47.8	94	96	67-134	2	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	48.2	47.7	96	95	48-137	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	50.5	50.1	101	100	63-148	.9	20	
1,2-Dichloropropane	ug/L	ND	50	50	51.5	51.8	103	104	70-136	.6	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	50.4	50.2	101	100	39-145	.3	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	48.2	48.6	96	97	40-143	.7	20	
1,3-Dichloropropane	ug/L	ND	50	50	53.2	53.4	106	107	65-133	.2	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	46.9	46.7	94	93	38-142	.6	20	
2,2-Dichloropropane	ug/L	ND	50	50	33.1	37.7	66	75	35-157	13	20	
2-Butanone (MEK)	ug/L	ND	250	250	252	239	101	96	62-132	5	20	
2-Chlorotoluene	ug/L	ND	50	50	50.8	51.0	102	102	44-143	.4	20	
2-Hexanone	ug/L	ND	250	250	268	266	107	106	61-141	.9	20	
4-Chlorotoluene	ug/L	ND	50	50	51.8	51.4	104	103	43-140	.9	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	240	238	96	95	57-135	.9	20	
Acetone	ug/L	ND	250	250	254	238	102	95	30-170	6	20	
Acrolein	ug/L	ND	1000	1000	1370	1330	137	133	30-170	3	20	
Acrylonitrile	ug/L	ND	1000	1000	999	977	100	98	66-137	2	20	
Benzene	ug/L	ND	50	50	48.2	49.1	96	98	63-141	2	20	
Bromobenzene	ug/L	ND	50	50	44.8	45.5	90	91	57-128	2	20	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 489556 489557

Parameter	Units	5041696005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromochloromethane	ug/L	ND	50	50	51.8	52.4	104	105	65-157	1	20	
Bromodichloromethane	ug/L	ND	50	50	45.9	47.4	92	95	63-135	3	20	
Bromoform	ug/L	ND	50	50	36.3	38.7	73	77	58-124	6	20	
Bromomethane	ug/L	ND	50	50	26.1	33.3	52	67	30-170	24	20	R1
Carbon disulfide	ug/L	ND	100	100	84.1	85.7	84	86	46-162	2	20	
Carbon tetrachloride	ug/L	ND	50	50	34.8	38.4	70	77	54-145	10	20	
Chlorobenzene	ug/L	ND	50	50	49.4	49.0	99	98	56-133	.8	20	
Chloroethane	ug/L	ND	50	50	44.8	46.0	90	92	54-157	3	20	
Chloroform	ug/L	ND	50	50	49.5	50.2	99	100	67-134	1	20	
Chloromethane	ug/L	ND	50	50	41.9	43.3	84	87	36-137	3	20	
cis-1,2-Dichloroethene	ug/L	334	50	50	358	362	48	56	65-132	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	38.5	40.1	77	80	46-121	4	20	
Dibromochloromethane	ug/L	ND	50	50	37.3	39.8	75	80	64-124	6	20	
Dibromomethane	ug/L	ND	50	50	50.6	50.6	101	101	67-144	.1	20	
Dichlorodifluoromethane	ug/L	ND	50	50	33.2	33.9	66	68	30-163	2	20	
Ethyl methacrylate	ug/L	ND	200	200	177	184	89	92	52-140	4	20	
Ethylbenzene	ug/L	ND	50	50	48.7	49.2	97	98	44-151	.9	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	39.5	40.1	79	80	30-145	1	20	
Iodomethane	ug/L	ND	100	100	61.4	71.1	61	71	28-168	15	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	45.7	46.1	91	92	40-148	.8	20	
Methyl-tert-butyl ether	ug/L	ND	100	100	88.4	89.8	88	90	52-156	2	20	
Methylene chloride	ug/L	ND	50	50	38.8	39.2	78	78	46-154	1	20	
n-Butylbenzene	ug/L	ND	50	50	46.8	46.5	94	93	27-153	.7	20	
n-Propylbenzene	ug/L	ND	50	50	52.7	52.6	105	105	40-148	.2	20	
Naphthalene	ug/L	ND	50	50	42.2	44.5	84	89	44-138	5	20	
p-Isopropyltoluene	ug/L	ND	50	50	47.6	47.1	95	94	34-146	1	20	
sec-Butylbenzene	ug/L	ND	50	50	49.3	49.4	99	99	38-150	.3	20	
Styrene	ug/L	ND	50	50	47.6	47.8	95	96	38-141	.4	20	
tert-Butylbenzene	ug/L	ND	50	50	40.9	40.9	82	82	32-133	.005	20	
Tetrachloroethene	ug/L	ND	50	50	43.1	43.4	86	87	25-146	.6	20	
Toluene	ug/L	ND	50	50	46.8	47.3	92	93	59-142	1	20	
trans-1,2-Dichloroethene	ug/L	5.1	50	50	55.3	55.7	100	101	60-137	.8	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	33.0	34.9	66	70	43-117	6	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	153	155	76	77	44-139	1	20	
Trichloroethene	ug/L	8.5	50	50	54.7	55.2	92	93	61-137	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	48.3	49.6	97	99	53-162	3	20	
Vinyl acetate	ug/L	ND	200	200	113	124	56	62	24-132	9	20	
Vinyl chloride	ug/L	3.6	50	50	44.4	46.1	82	85	51-144	4	20	
Xylene (Total)	ug/L	ND	150	150	144	145	96	97	44-152	.8	20	
4-Bromofluorobenzene (S)	%						94	95	70-126		20	
Dibromofluoromethane (S)	%						101	100	80-123		20	
Toluene-d8 (S)	%						100	100	80-116		20	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

QC Batch: MSV/27066 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

METHOD BLANK: 488807 Matrix: Solid
Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,1-Dichloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,1-Dichloroethene	ug/kg	ND	5.0	09/30/10 00:01	
1,1-Dichloropropene	ug/kg	ND	5.0	09/30/10 00:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	09/30/10 00:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	09/30/10 00:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,2-Dichloroethane	ug/kg	ND	5.0	09/30/10 00:01	
1,2-Dichloropropane	ug/kg	ND	5.0	09/30/10 00:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
1,3-Dichloropropane	ug/kg	ND	5.0	09/30/10 00:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
2,2-Dichloropropane	ug/kg	ND	5.0	09/30/10 00:01	
2-Butanone (MEK)	ug/kg	ND	25.0	09/30/10 00:01	
2-Chlorotoluene	ug/kg	ND	5.0	09/30/10 00:01	
2-Hexanone	ug/kg	ND	100	09/30/10 00:01	
4-Chlorotoluene	ug/kg	ND	5.0	09/30/10 00:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	09/30/10 00:01	
Acetone	ug/kg	ND	100	09/30/10 00:01	
Acrolein	ug/kg	ND	100	09/30/10 00:01	
Acrylonitrile	ug/kg	ND	100	09/30/10 00:01	
Benzene	ug/kg	ND	5.0	09/30/10 00:01	
Bromobenzene	ug/kg	ND	5.0	09/30/10 00:01	
Bromochloromethane	ug/kg	ND	5.0	09/30/10 00:01	
Bromodichloromethane	ug/kg	ND	5.0	09/30/10 00:01	
Bromoform	ug/kg	ND	5.0	09/30/10 00:01	
Bromomethane	ug/kg	ND	5.0	09/30/10 00:01	
Carbon disulfide	ug/kg	ND	10.0	09/30/10 00:01	
Carbon tetrachloride	ug/kg	ND	5.0	09/30/10 00:01	
Chlorobenzene	ug/kg	ND	5.0	09/30/10 00:01	
Chloroethane	ug/kg	ND	5.0	09/30/10 00:01	
Chloroform	ug/kg	ND	5.0	09/30/10 00:01	
Chloromethane	ug/kg	ND	5.0	09/30/10 00:01	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	09/30/10 00:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	09/30/10 00:01	
Dibromochloromethane	ug/kg	ND	5.0	09/30/10 00:01	

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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

METHOD BLANK: 488807 Matrix: Solid

Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	09/30/10 00:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	09/30/10 00:01	
Ethyl methacrylate	ug/kg	ND	10.0	09/30/10 00:01	
Ethylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	09/30/10 00:01	
Iodomethane	ug/kg	ND	100	09/30/10 00:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	09/30/10 00:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	09/30/10 00:01	
Methylene chloride	ug/kg	ND	20.0	09/30/10 00:01	
n-Butylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
n-Hexane	ug/kg	ND	5.0	09/30/10 00:01	
n-Propylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
Naphthalene	ug/kg	ND	5.0	09/30/10 00:01	
p-Isopropyltoluene	ug/kg	ND	5.0	09/30/10 00:01	
sec-Butylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
Styrene	ug/kg	ND	5.0	09/30/10 00:01	
tert-Butylbenzene	ug/kg	ND	5.0	09/30/10 00:01	
Tetrachloroethene	ug/kg	ND	5.0	09/30/10 00:01	
Toluene	ug/kg	ND	5.0	09/30/10 00:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	09/30/10 00:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	09/30/10 00:01	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	09/30/10 00:01	
Trichloroethene	ug/kg	ND	5.0	09/30/10 00:01	
Trichlorofluoromethane	ug/kg	ND	5.0	09/30/10 00:01	
Vinyl acetate	ug/kg	ND	100	09/30/10 00:01	
Vinyl chloride	ug/kg	ND	5.0	09/30/10 00:01	
Xylene (Total)	ug/kg	ND	10.0	09/30/10 00:01	
4-Bromofluorobenzene (S)	%	90	61-131	09/30/10 00:01	
Dibromofluoromethane (S)	%	97	80-124	09/30/10 00:01	
Toluene-d8 (S)	%	99	58-145	09/30/10 00:01	

LABORATORY CONTROL SAMPLE: 488808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	39.5	79	65-124	
1,1,1-Trichloroethane	ug/kg	50	42.3	85	61-135	
1,1,2,2-Tetrachloroethane	ug/kg	50	63.9	128	66-124	L3
1,1,2-Trichloroethane	ug/kg	50	53.9	108	74-127	
1,1-Dichloroethane	ug/kg	50	52.3	105	62-132	
1,1-Dichloroethene	ug/kg	50	52.5	105	61-123	
1,1-Dichloropropene	ug/kg	50	48.1	96	74-128	
1,2,3-Trichlorobenzene	ug/kg	50	46.1	92	60-125	
1,2,3-Trichloropropane	ug/kg	100	85.5	85	61-120	
1,2,4-Trichlorobenzene	ug/kg	50	40.5	81	58-126	
1,2,4-Trimethylbenzene	ug/kg	50	50.4	101	72-120	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 488808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	51.8	104	74-119	
1,2-Dichlorobenzene	ug/kg	50	52.2	104	75-117	
1,2-Dichloroethane	ug/kg	50	51.6	103	62-135	
1,2-Dichloropropane	ug/kg	50	53.5	107	74-124	
1,3,5-Trimethylbenzene	ug/kg	50	54.0	108	73-122	
1,3-Dichlorobenzene	ug/kg	50	52.3	105	73-120	
1,3-Dichloropropane	ug/kg	50	58.7	117	71-122	
1,4-Dichlorobenzene	ug/kg	50	50.5	101	72-118	
2,2-Dichloropropane	ug/kg	50	35.5	71	53-136	
2-Butanone (MEK)	ug/kg	250	268	107	33-190	
2-Chlorotoluene	ug/kg	50	54.8	110	72-122	
2-Hexanone	ug/kg	250	318	127	44-168	
4-Chlorotoluene	ug/kg	50	55.7	111	72-120	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	281	113	58-126	
Acetone	ug/kg	250	299	120	30-190	
Acrolein	ug/kg	1000	789	79	30-190	
Acrylonitrile	ug/kg	1000	1060	106	65-129	
Benzene	ug/kg	50	49.6	99	76-123	
Bromobenzene	ug/kg	50	48.4	97	74-116	
Bromochloromethane	ug/kg	50	53.7	107	56-143	
Bromodichloromethane	ug/kg	50	47.9	96	67-123	
Bromoform	ug/kg	50	42.2	84	58-117	
Bromomethane	ug/kg	50	33.9	68	47-147	
Carbon disulfide	ug/kg	100	85.6	86	56-141	
Carbon tetrachloride	ug/kg	50	37.3	75	54-136	
Chlorobenzene	ug/kg	50	52.2	104	75-115	
Chloroethane	ug/kg	50	50.3	101	57-147	
Chloroform	ug/kg	50	49.6	99	74-123	
Chloromethane	ug/kg	50	44.3	89	31-155	
cis-1,2-Dichloroethene	ug/kg	50	48.9	98	76-119	
cis-1,3-Dichloropropene	ug/kg	50	42.2	84	56-110	
Dibromochloromethane	ug/kg	50	41.9	84	63-122	
Dibromomethane	ug/kg	50	52.2	104	70-127	
Dichlorodifluoromethane	ug/kg	50	33.7	67	30-170	
Ethyl methacrylate	ug/kg	200	206	103	58-126	
Ethylbenzene	ug/kg	50	51.7	103	78-121	
Hexachloro-1,3-butadiene	ug/kg	50	42.0	84	65-128	
Iodomethane	ug/kg	100	78.1J	78	38-173	
Isopropylbenzene (Cumene)	ug/kg	50	47.7	95	75-128	
Methyl-tert-butyl ether	ug/kg	100	95.2	95	59-142	
Methylene chloride	ug/kg	50	40.1	80	30-170	
n-Butylbenzene	ug/kg	50	48.4	97	70-123	
n-Hexane	ug/kg	50	53.6	107	76-143	
n-Propylbenzene	ug/kg	50	56.0	112	70-126	
Naphthalene	ug/kg	50	51.5	103	60-128	
p-Isopropyltoluene	ug/kg	50	50.3	101	65-125	
sec-Butylbenzene	ug/kg	50	52.9	106	72-125	
Styrene	ug/kg	50	50.7	101	75-118	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

LABORATORY CONTROL SAMPLE: 488808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	44.4	89	61-114	
Tetrachloroethene	ug/kg	50	45.0	90	63-117	
Toluene	ug/kg	50	51.5	103	72-123	
trans-1,2-Dichloroethene	ug/kg	50	51.2	102	70-122	
trans-1,3-Dichloropropene	ug/kg	50	36.9	74	55-107	
trans-1,4-Dichloro-2-butene	ug/kg	200	162	81	49-127	
Trichloroethene	ug/kg	50	49.1	98	74-121	
Trichlorofluoromethane	ug/kg	50	50.5	101	55-156	
Vinyl acetate	ug/kg	200	149	74	46-127	
Vinyl chloride	ug/kg	50	44.7	89	50-146	
Xylene (Total)	ug/kg	150	153	102	77-120	
4-Bromofluorobenzene (S)	%			93	61-131	
Dibromofluoromethane (S)	%			99	80-124	
Toluene-d8 (S)	%			101	58-145	

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Indianapolis, IN 46268
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QUALITY CONTROL DATA

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

QC Batch: PMST/5151 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5041827001, 5041827005, 5041827009, 5041827010

SAMPLE DUPLICATE: 487401

Parameter	Units	5041698020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	50.0	52.9	6	5	R2

SAMPLE DUPLICATE: 487402

Parameter	Units	5041739006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	13.5	10	5	R2

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QUALIFIERS

Project: KENDALL ST GARAGE
Pace Project No.: 5041827

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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 NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1d	MS/MSD RPD's were outside the control limits for multiple compounds. Refer to the MB/LCS to demonstrate the system was in control. HEB 9/30/10
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.
R2	RPD value was outside control limits due to matrix interference
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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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.

A

Page: 1 of 2

1367192

Section A Required Client Information:

Company: PHIFER ENV. SVCS
Address: 2502 LINCOLN WAY WEST
MISHAWAKA IN
Email To: CONLEY@PHIFERENV.COM
Phone: 574-968-7191 Fax:
Requested Due Date/TAT: 1 WEEK

Section B Required Project Information:

Report To: CONLEY PHIFER
Copy To:
Purchase Order No.:
Project Name: KENDALL ST GARAGE
Project Number:

Section C Invoice Information:

Attention: SAME
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other DI WATER	Analysis Test Y/N	VOCs	TPH-ERO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	KENDALL GP-1 2'	SL	G			9/24	8:35		5	2						1	2		X	X		-001
2	KENDALL GP-1 6'	SL	G			9/24	8:45		5	2						1	2					HOLD -002
3	KENDALL GP-1 12'	SL	G			9/24	8:55		5	2						1	2					HOLD -003
4	KENDALL GP-1 17'	SL	G			9/24	9:05		5	2						1	2					HOLD -004
5	KENDALL GP-1	WT	G			9/24	9:45		3				3						X			-011
6	KENDALL GP-2 4'	SL	G			9/24	10:15		5	2						1	2		X	X		-005
7	KENDALL GP-2 8'	SL	G			9/24	10:25		5	2						1	2					HOLD -006
8	KENDALL GP-2 12'	SL	G			9/24	10:30		5	2						1	2					HOLD -007
9	KENDALL GP-2 17'	SL	G			9/24	10:40		5	2						1	2					HOLD -008
10	KENDALL GP-2	WT	G			9/24	11:05		3				3						X			-011
11	KENDALL GP-3 4'	SL	G			9/24	11:50		5	2						1	2		X	X		-009
12	KENDALL GP-3	WT	G			9/24	12:05		3				3						X			-013

SDG 41887

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)
	Conley Phifer	9/24	1600	FEDEX PRO	9/25/10	1207	2.3	Y	N	Y

FEDEX
8730141903692

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Conley Phifer
SIGNATURE of SAMPLER: Conley Phifer
DATE Signed (MM/DD/YY): 9/24/10

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1367193

Section A Required Client Information:

Company:	PHIFER ENV. SVCS
Address:	2502 LINCOLN WAY WEST
	MISHAWAKA IN
Email To:	Conley@phiferenv.com
Phone: 574-968-7191	Fax:
Requested Due Date/TAT:	1 WK

Section B Required Project Information:

Report To:	Conley Phifer
Copy To:	
Purchase Order No.:	
Project Name:	KENDALL ST GARAGE
Project Number:	

Section C Invoice Information:

Attention:	SAME
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	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 DI WATER	Analysis Test Y/N	VOC	TPH-ERO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 5054182 7
1	~~KENDALL GP4~~ CBP					~~9/24~~			~~5~~	~~2~~						~~1~~	~~2~~					
2	~~KENDALL GP3~~ CBP					~~9/24~~			~~5~~	~~2~~												
3																						
4	KENDALL GP-4 4'	S	G			9/24	12:40		5	2						1	2		X	X		-010
5	KENDALL GP-4	WT	G			9/24	1:00		3				3						X			-014
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Conley Phifer	9/24	1600	Chandler PACE	9/25/10	1537	2.3	Y	N	Y

2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Conley Phifer

SIGNATURE of SAMPLER: Conley Phifer

DATE Signed (MM/DD/YY): 9/24/10

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Phifer

Project # 5041827

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

Tracking #: 873014190369

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other plastic holders / Ice

Thermometer Used 1 2 3 4 5 6 A B C D E Type of Ice: ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.3 C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 9/25/10 KE

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	5. TC Kits
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing preservation have been pH checked? exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No ☑N/A	9.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	10.
Trip Blank Present:	☐Yes ☐No ☑N/A	11.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Project Manager Review		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13.
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Trust Date: 9/25/10

Sample Container Count

CLIENT: Phifer

COC PAGE 1 of 2

COC ID# 1367192

Project # 5041827

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1			1	4									
2			1	4									
3			1	4									
4			1	4									
5	3												
6			1	4									
7			1	4									
8			1	4									
9			1	4									
10	3												
11			1	4									
12	3												

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Phifer

COC PAGE 2 of 2

COC ID# 1307193

Project # 5041827

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1													no sample
2													no sample
3													no sample
4			1	4									
5	3												
6													
7													
8													
9													
10													
11													
12													

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

December 07, 2010

Mr. Conley Phifer
Phifer Environmental Svcs.
2502 Lincoln Way West
Mishawaka, IN 46546

RE: Project: South Bend
Pace Project No.: 5043987

Dear Mr. Phifer:
Enclosed are the analytical results for sample(s) received by the laboratory on December 02, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Andrew Votaw

andrew.votaw@pacelabs.com
Project Manager

Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Louisiana Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

SAMPLE SUMMARY

Project: South Bend
Pace Project No.: 5043987

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5043987001	**KEND GP-5 (14)**	Solid	12/01/10 14:25	12/02/10 11:50
5043987002	**KEND GP-5 (18.5)**	Solid	12/01/10 14:30	12/02/10 11:50
5043987003	**KEND GP-6 (14)**	Solid	12/01/10 11:35	12/02/10 11:50
5043987004	**KEND GP-6 (18.5)**	Solid	12/01/10 12:00	12/02/10 11:50
5043987005	**KEND GP-7 (14)**	Solid	12/01/10 13:10	12/02/10 11:50
5043987006	**KEND GP-7 (18.5)**	Solid	12/01/10 13:15	12/02/10 11:50
5043987007	**KEND GP-8 (15)**	Solid	12/01/10 10:20	12/02/10 11:50
5043987008	**KEND GP-8 (18.5)**	Solid	12/01/10 10:25	12/02/10 11:50
5043987009	**KEND GP-9 (19)**	Solid	12/01/10 09:15	12/02/10 11:50
5043987010	**KEND GP-9 (23)**	Solid	12/01/10 09:25	12/02/10 11:50
5043987011	**KEND GP-5**	Water	12/01/10 14:30	12/02/10 11:50
5043987012	**KEND GP-6**	Water	12/01/10 12:30	12/02/10 11:50
5043987013	**KEND GP-7**	Water	12/01/10 13:45	12/02/10 11:50
5043987014	**KEND GP-8**	Water	12/01/10 10:55	12/02/10 11:50
5043987015	**KEND GP-9**	Water	12/01/10 09:35	12/02/10 11:50

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SAMPLE ANALYTE COUNT

Project: South Bend
Pace Project No.: 5043987

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5043987001	**KEND GP-5 (14)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987002	**KEND GP-5 (18.5)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987003	**KEND GP-6 (14)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987004	**KEND GP-6 (18.5)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987005	**KEND GP-7 (14)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987006	**KEND GP-7 (18.5)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987007	**KEND GP-8 (15)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987008	**KEND GP-8 (18.5)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987009	**KEND GP-9 (19)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987010	**KEND GP-9 (23)**	EPA 8260	SLB	73
		ASTM D2974-87	JTP	1
5043987011	**KEND GP-5**	EPA 8260	SLB	72
5043987012	**KEND GP-6**	EPA 8260	SLB	72
5043987013	**KEND GP-7**	EPA 8260	SLB	72
5043987014	**KEND GP-8**	EPA 8260	SLB	72
5043987015	**KEND GP-9**	EPA 8260	SLB	72

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 (14) **Lab ID: 5043987001** Collected: 12/01/10 14:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	95.3	1		12/03/10 23:02	67-64-1	
Acrolein	ND	ug/kg	95.3	1		12/03/10 23:02	107-02-8	
Acrylonitrile	ND	ug/kg	95.3	1		12/03/10 23:02	107-13-1	
Benzene	ND	ug/kg	4.8	1		12/03/10 23:02	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		12/03/10 23:02	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		12/03/10 23:02	75-27-4	
Bromoform	ND	ug/kg	4.8	1		12/03/10 23:02	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		12/03/10 23:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.8	1		12/03/10 23:02	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	98-06-6	
Carbon disulfide	ND	ug/kg	9.5	1		12/03/10 23:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		12/03/10 23:02	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	75-00-3	
Chloroform	ND	ug/kg	4.8	1		12/03/10 23:02	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		12/03/10 23:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		12/03/10 23:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		12/03/10 23:02	106-43-4	
Dibromochloromethane	ND	ug/kg	4.8	1		12/03/10 23:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		12/03/10 23:02	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		12/03/10 23:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	95.3	1		12/03/10 23:02	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		12/03/10 23:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		12/03/10 23:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/03/10 23:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/03/10 23:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		12/03/10 23:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		12/03/10 23:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		12/03/10 23:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		12/03/10 23:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/03/10 23:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/03/10 23:02	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.5	1		12/03/10 23:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		12/03/10 23:02	87-68-3	
n-Hexane	ND	ug/kg	4.8	1		12/03/10 23:02	110-54-3	
2-Hexanone	ND	ug/kg	95.3	1		12/03/10 23:02	591-78-6	
Iodomethane	ND	ug/kg	95.3	1		12/03/10 23:02	74-88-4	

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7726 Moller Road
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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 (14) **Lab ID: 5043987001** Collected: 12/01/10 14:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/03/10 23:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		12/03/10 23:02	99-87-6	
Methylene chloride	ND	ug/kg	19.1	1		12/03/10 23:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.8	1		12/03/10 23:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/03/10 23:02	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		12/03/10 23:02	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	103-65-1	
Styrene	ND	ug/kg	4.8	1		12/03/10 23:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		12/03/10 23:02	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/03/10 23:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/03/10 23:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/03/10 23:02	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/03/10 23:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/03/10 23:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		12/03/10 23:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		12/03/10 23:02	108-67-8	
Vinyl acetate	ND	ug/kg	95.3	1		12/03/10 23:02	108-05-4	
Vinyl chloride	ND	ug/kg	4.8	1		12/03/10 23:02	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	1		12/03/10 23:02	1330-20-7	
Dibromofluoromethane (S)	99	%	80-124	1		12/03/10 23:02	1868-53-7	
Toluene-d8 (S)	105	%	58-145	1		12/03/10 23:02	2037-26-5	
4-Bromofluorobenzene (S)	105	%	61-131	1		12/03/10 23:02	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.7**	%	0.10	1		12/06/10 15:33		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 (18.5) **Lab ID: 5043987002** Collected: 12/01/10 14:30 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	87.9	1		12/03/10 23:38	67-64-1	
Acrolein	ND	ug/kg	87.9	1		12/03/10 23:38	107-02-8	
Acrylonitrile	ND	ug/kg	87.9	1		12/03/10 23:38	107-13-1	
Benzene	ND	ug/kg	4.4	1		12/03/10 23:38	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		12/03/10 23:38	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		12/03/10 23:38	75-27-4	
Bromoform	ND	ug/kg	4.4	1		12/03/10 23:38	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		12/03/10 23:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.0	1		12/03/10 23:38	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	98-06-6	
Carbon disulfide	ND	ug/kg	8.8	1		12/03/10 23:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		12/03/10 23:38	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	75-00-3	
Chloroform	ND	ug/kg	4.4	1		12/03/10 23:38	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		12/03/10 23:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		12/03/10 23:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		12/03/10 23:38	106-43-4	
Dibromochloromethane	ND	ug/kg	4.4	1		12/03/10 23:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		12/03/10 23:38	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		12/03/10 23:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	87.9	1		12/03/10 23:38	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		12/03/10 23:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		12/03/10 23:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/03/10 23:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/03/10 23:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		12/03/10 23:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		12/03/10 23:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		12/03/10 23:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		12/03/10 23:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/03/10 23:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/03/10 23:38	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	100-41-4	
Ethyl methacrylate	ND	ug/kg	8.8	1		12/03/10 23:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		12/03/10 23:38	87-68-3	
n-Hexane	ND	ug/kg	4.4	1		12/03/10 23:38	110-54-3	
2-Hexanone	ND	ug/kg	87.9	1		12/03/10 23:38	591-78-6	
Iodomethane	ND	ug/kg	87.9	1		12/03/10 23:38	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 (18.5) **Lab ID: 5043987002** Collected: 12/01/10 14:30 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		12/03/10 23:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		12/03/10 23:38	99-87-6	
Methylene chloride	ND	ug/kg	17.6	1		12/03/10 23:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.0	1		12/03/10 23:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		12/03/10 23:38	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		12/03/10 23:38	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	103-65-1	
Styrene	ND	ug/kg	4.4	1		12/03/10 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		12/03/10 23:38	127-18-4	
Toluene	ND	ug/kg	4.4	1		12/03/10 23:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		12/03/10 23:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		12/03/10 23:38	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		12/03/10 23:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		12/03/10 23:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		12/03/10 23:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		12/03/10 23:38	108-67-8	
Vinyl acetate	ND	ug/kg	87.9	1		12/03/10 23:38	108-05-4	
Vinyl chloride	ND	ug/kg	4.4	1		12/03/10 23:38	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		12/03/10 23:38	1330-20-7	
Dibromofluoromethane (S)	98	%	80-124	1		12/03/10 23:38	1868-53-7	
Toluene-d8 (S)	100	%	58-145	1		12/03/10 23:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%	61-131	1		12/03/10 23:38	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.3**	%	0.10	1		12/06/10 15:33		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 (14) **Lab ID: 5043987003** Collected: 12/01/10 11:35 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	91.6	1		12/04/10 00:11	67-64-1	
Acrolein	ND	ug/kg	91.6	1		12/04/10 00:11	107-02-8	
Acrylonitrile	ND	ug/kg	91.6	1		12/04/10 00:11	107-13-1	
Benzene	ND	ug/kg	4.6	1		12/04/10 00:11	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/04/10 00:11	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/04/10 00:11	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/04/10 00:11	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		12/04/10 00:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.9	1		12/04/10 00:11	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		12/04/10 00:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/04/10 00:11	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/04/10 00:11	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		12/04/10 00:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/04/10 00:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/04/10 00:11	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		12/04/10 00:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/04/10 00:11	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/04/10 00:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	91.6	1		12/04/10 00:11	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		12/04/10 00:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:11	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.2	1		12/04/10 00:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/04/10 00:11	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		12/04/10 00:11	110-54-3	
2-Hexanone	ND	ug/kg	91.6	1		12/04/10 00:11	591-78-6	
Iodomethane	ND	ug/kg	91.6	1		12/04/10 00:11	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 (14) **Lab ID: 5043987003** Collected: 12/01/10 11:35 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/04/10 00:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		12/04/10 00:11	99-87-6	
Methylene chloride	ND	ug/kg	18.3	1		12/04/10 00:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.9	1		12/04/10 00:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/04/10 00:11	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/04/10 00:11	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/04/10 00:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/04/10 00:11	127-18-4	
Toluene	ND	ug/kg	4.6	1		12/04/10 00:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/04/10 00:11	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/04/10 00:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/04/10 00:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/04/10 00:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:11	108-67-8	
Vinyl acetate	ND	ug/kg	91.6	1		12/04/10 00:11	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		12/04/10 00:11	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		12/04/10 00:11	1330-20-7	
Dibromofluoromethane (S)	100	%	80-124	1		12/04/10 00:11	1868-53-7	
Toluene-d8 (S)	104	%	58-145	1		12/04/10 00:11	2037-26-5	
4-Bromofluorobenzene (S)	105	%	61-131	1		12/04/10 00:11	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.4**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 (18.5) **Lab ID: 5043987004** Collected: 12/01/10 12:00 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	92.1	1		12/04/10 00:46	67-64-1	
Acrolein	ND	ug/kg	92.1	1		12/04/10 00:46	107-02-8	
Acrylonitrile	ND	ug/kg	92.1	1		12/04/10 00:46	107-13-1	
Benzene	ND	ug/kg	4.6	1		12/04/10 00:46	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/04/10 00:46	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/04/10 00:46	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/04/10 00:46	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		12/04/10 00:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.0	1		12/04/10 00:46	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		12/04/10 00:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/04/10 00:46	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/04/10 00:46	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		12/04/10 00:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/04/10 00:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/04/10 00:46	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		12/04/10 00:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/04/10 00:46	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/04/10 00:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	92.1	1		12/04/10 00:46	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		12/04/10 00:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/04/10 00:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/04/10 00:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/04/10 00:46	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.2	1		12/04/10 00:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/04/10 00:46	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		12/04/10 00:46	110-54-3	
2-Hexanone	ND	ug/kg	92.1	1		12/04/10 00:46	591-78-6	
Iodomethane	ND	ug/kg	92.1	1		12/04/10 00:46	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 (18.5) **Lab ID: 5043987004** Collected: 12/01/10 12:00 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/04/10 00:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		12/04/10 00:46	99-87-6	
Methylene chloride	ND	ug/kg	18.4	1		12/04/10 00:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.0	1		12/04/10 00:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/04/10 00:46	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/04/10 00:46	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/04/10 00:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/04/10 00:46	127-18-4	
Toluene	ND	ug/kg	4.6	1		12/04/10 00:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/10 00:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/04/10 00:46	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/04/10 00:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/04/10 00:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/04/10 00:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/10 00:46	108-67-8	
Vinyl acetate	ND	ug/kg	92.1	1		12/04/10 00:46	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		12/04/10 00:46	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		12/04/10 00:46	1330-20-7	
Dibromofluoromethane (S)	99	%	80-124	1		12/04/10 00:46	1868-53-7	
Toluene-d8 (S)	106	%	58-145	1		12/04/10 00:46	2037-26-5	
4-Bromofluorobenzene (S)	105	%	61-131	1		12/04/10 00:46	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**1.8**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 (14) **Lab ID: 5043987005** Collected: 12/01/10 13:10 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	87.1	1		12/04/10 02:27	67-64-1	
Acrolein	ND	ug/kg	87.1	1		12/04/10 02:27	107-02-8	
Acrylonitrile	ND	ug/kg	87.1	1		12/04/10 02:27	107-13-1	
Benzene	ND	ug/kg	4.4	1		12/04/10 02:27	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		12/04/10 02:27	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		12/04/10 02:27	75-27-4	
Bromoform	ND	ug/kg	4.4	1		12/04/10 02:27	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		12/04/10 02:27	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.8	1		12/04/10 02:27	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	98-06-6	
Carbon disulfide	ND	ug/kg	8.7	1		12/04/10 02:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		12/04/10 02:27	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	75-00-3	
Chloroform	ND	ug/kg	4.4	1		12/04/10 02:27	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		12/04/10 02:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		12/04/10 02:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		12/04/10 02:27	106-43-4	
Dibromochloromethane	ND	ug/kg	4.4	1		12/04/10 02:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		12/04/10 02:27	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		12/04/10 02:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	87.1	1		12/04/10 02:27	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		12/04/10 02:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 02:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 02:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 02:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 02:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 02:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 02:27	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 02:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 02:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 02:27	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	100-41-4	
Ethyl methacrylate	ND	ug/kg	8.7	1		12/04/10 02:27	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		12/04/10 02:27	87-68-3	
n-Hexane	ND	ug/kg	4.4	1		12/04/10 02:27	110-54-3	
2-Hexanone	ND	ug/kg	87.1	1		12/04/10 02:27	591-78-6	
Iodomethane	ND	ug/kg	87.1	1		12/04/10 02:27	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 (14) **Lab ID: 5043987005** Collected: 12/01/10 13:10 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		12/04/10 02:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		12/04/10 02:27	99-87-6	
Methylene chloride	ND	ug/kg	17.4	1		12/04/10 02:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.8	1		12/04/10 02:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		12/04/10 02:27	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		12/04/10 02:27	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	103-65-1	
Styrene	ND	ug/kg	4.4	1		12/04/10 02:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		12/04/10 02:27	127-18-4	
Toluene	ND	ug/kg	4.4	1		12/04/10 02:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/10 02:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		12/04/10 02:27	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		12/04/10 02:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		12/04/10 02:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		12/04/10 02:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/10 02:27	108-67-8	
Vinyl acetate	ND	ug/kg	87.1	1		12/04/10 02:27	108-05-4	
Vinyl chloride	ND	ug/kg	4.4	1		12/04/10 02:27	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		12/04/10 02:27	1330-20-7	
Dibromofluoromethane (S)	97	%	80-124	1		12/04/10 02:27	1868-53-7	
Toluene-d8 (S)	106	%	58-145	1		12/04/10 02:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%	61-131	1		12/04/10 02:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**1.3**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 (18.5) **Lab ID: 5043987006** Collected: 12/01/10 13:15 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	87.7	1		12/04/10 03:01	67-64-1	
Acrolein	ND	ug/kg	87.7	1		12/04/10 03:01	107-02-8	
Acrylonitrile	ND	ug/kg	87.7	1		12/04/10 03:01	107-13-1	
Benzene	ND	ug/kg	4.4	1		12/04/10 03:01	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		12/04/10 03:01	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		12/04/10 03:01	75-27-4	
Bromoform	ND	ug/kg	4.4	1		12/04/10 03:01	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		12/04/10 03:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.9	1		12/04/10 03:01	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	98-06-6	
Carbon disulfide	ND	ug/kg	8.8	1		12/04/10 03:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		12/04/10 03:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	75-00-3	
Chloroform	ND	ug/kg	4.4	1		12/04/10 03:01	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		12/04/10 03:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		12/04/10 03:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		12/04/10 03:01	106-43-4	
Dibromochloromethane	ND	ug/kg	4.4	1		12/04/10 03:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		12/04/10 03:01	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		12/04/10 03:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	87.7	1		12/04/10 03:01	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		12/04/10 03:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 03:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 03:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		12/04/10 03:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 03:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 03:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		12/04/10 03:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 03:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 03:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		12/04/10 03:01	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	100-41-4	
Ethyl methacrylate	ND	ug/kg	8.8	1		12/04/10 03:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		12/04/10 03:01	87-68-3	
n-Hexane	ND	ug/kg	4.4	1		12/04/10 03:01	110-54-3	
2-Hexanone	ND	ug/kg	87.7	1		12/04/10 03:01	591-78-6	
Iodomethane	ND	ug/kg	87.7	1		12/04/10 03:01	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 (18.5) **Lab ID: 5043987006** Collected: 12/01/10 13:15 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		12/04/10 03:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		12/04/10 03:01	99-87-6	
Methylene chloride	ND	ug/kg	17.5	1		12/04/10 03:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.9	1		12/04/10 03:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		12/04/10 03:01	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		12/04/10 03:01	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	103-65-1	
Styrene	ND	ug/kg	4.4	1		12/04/10 03:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		12/04/10 03:01	127-18-4	
Toluene	ND	ug/kg	4.4	1		12/04/10 03:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/10 03:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		12/04/10 03:01	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		12/04/10 03:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		12/04/10 03:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		12/04/10 03:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/10 03:01	108-67-8	
Vinyl acetate	ND	ug/kg	87.7	1		12/04/10 03:01	108-05-4	
Vinyl chloride	ND	ug/kg	4.4	1		12/04/10 03:01	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		12/04/10 03:01	1330-20-7	
Dibromofluoromethane (S)	95	%	80-124	1		12/04/10 03:01	1868-53-7	
Toluene-d8 (S)	104	%	58-145	1		12/04/10 03:01	2037-26-5	
4-Bromofluorobenzene (S)	107	%	61-131	1		12/04/10 03:01	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.0**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 (15) **Lab ID: 5043987007** Collected: 12/01/10 10:20 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.6	1		12/04/10 03:34	67-64-1	
Acrolein	ND	ug/kg	90.6	1		12/04/10 03:34	107-02-8	
Acrylonitrile	ND	ug/kg	90.6	1		12/04/10 03:34	107-13-1	
Benzene	ND	ug/kg	4.5	1		12/04/10 03:34	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		12/04/10 03:34	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		12/04/10 03:34	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/04/10 03:34	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		12/04/10 03:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.7	1		12/04/10 03:34	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	98-06-6	
Carbon disulfide	ND	ug/kg	9.1	1		12/04/10 03:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/04/10 03:34	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/04/10 03:34	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		12/04/10 03:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 03:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 03:34	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		12/04/10 03:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/04/10 03:34	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		12/04/10 03:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	90.6	1		12/04/10 03:34	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		12/04/10 03:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 03:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 03:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 03:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 03:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 03:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 03:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 03:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 03:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 03:34	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.1	1		12/04/10 03:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		12/04/10 03:34	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		12/04/10 03:34	110-54-3	
2-Hexanone	ND	ug/kg	90.6	1		12/04/10 03:34	591-78-6	
Iodomethane	ND	ug/kg	90.6	1		12/04/10 03:34	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 (15) **Lab ID: 5043987007** Collected: 12/01/10 10:20 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		12/04/10 03:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		12/04/10 03:34	99-87-6	
Methylene chloride	ND	ug/kg	18.1	1		12/04/10 03:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.7	1		12/04/10 03:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		12/04/10 03:34	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		12/04/10 03:34	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	103-65-1	
Styrene	ND	ug/kg	4.5	1		12/04/10 03:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	79-34-5	
Tetrachloroethene	**6.4**	ug/kg	4.5	1		12/04/10 03:34	127-18-4	
Toluene	ND	ug/kg	4.5	1		12/04/10 03:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 03:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 03:34	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		12/04/10 03:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/04/10 03:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		12/04/10 03:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 03:34	108-67-8	
Vinyl acetate	ND	ug/kg	90.6	1		12/04/10 03:34	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		12/04/10 03:34	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		12/04/10 03:34	1330-20-7	
Dibromofluoromethane (S)	96	%	80-124	1		12/04/10 03:34	1868-53-7	
Toluene-d8 (S)	99	%	58-145	1		12/04/10 03:34	2037-26-5	
4-Bromofluorobenzene (S)	105	%	61-131	1		12/04/10 03:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.4**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 (18.5) **Lab ID: 5043987008** Collected: 12/01/10 10:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.5	1		12/04/10 04:08	67-64-1	
Acrolein	ND	ug/kg	90.5	1		12/04/10 04:08	107-02-8	
Acrylonitrile	ND	ug/kg	90.5	1		12/04/10 04:08	107-13-1	
Benzene	ND	ug/kg	4.5	1		12/04/10 04:08	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		12/04/10 04:08	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		12/04/10 04:08	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/04/10 04:08	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		12/04/10 04:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.6	1		12/04/10 04:08	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		12/04/10 04:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/04/10 04:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/04/10 04:08	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		12/04/10 04:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 04:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 04:08	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		12/04/10 04:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/04/10 04:08	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		12/04/10 04:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	90.5	1		12/04/10 04:08	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		12/04/10 04:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 04:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 04:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 04:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 04:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 04:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 04:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 04:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 04:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 04:08	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.0	1		12/04/10 04:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		12/04/10 04:08	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		12/04/10 04:08	110-54-3	
2-Hexanone	ND	ug/kg	90.5	1		12/04/10 04:08	591-78-6	
Iodomethane	ND	ug/kg	90.5	1		12/04/10 04:08	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 (18.5) **Lab ID: 5043987008** Collected: 12/01/10 10:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		12/04/10 04:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		12/04/10 04:08	99-87-6	
Methylene chloride	ND	ug/kg	18.1	1		12/04/10 04:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.6	1		12/04/10 04:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		12/04/10 04:08	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		12/04/10 04:08	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	103-65-1	
Styrene	ND	ug/kg	4.5	1		12/04/10 04:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	79-34-5	
Tetrachloroethene	**12.8**	ug/kg	4.5	1		12/04/10 04:08	127-18-4	
Toluene	ND	ug/kg	4.5	1		12/04/10 04:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 04:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 04:08	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		12/04/10 04:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/04/10 04:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		12/04/10 04:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 04:08	108-67-8	
Vinyl acetate	ND	ug/kg	90.5	1		12/04/10 04:08	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		12/04/10 04:08	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		12/04/10 04:08	1330-20-7	
Dibromofluoromethane (S)	96	%	80-124	1		12/04/10 04:08	1868-53-7	
Toluene-d8 (S)	104	%	58-145	1		12/04/10 04:08	2037-26-5	
4-Bromofluorobenzene (S)	102	%	61-131	1		12/04/10 04:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.7**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 (19) **Lab ID: 5043987009** Collected: 12/01/10 09:15 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	96.4	1		12/04/10 04:42	67-64-1	
Acrolein	ND	ug/kg	96.4	1		12/04/10 04:42	107-02-8	
Acrylonitrile	ND	ug/kg	96.4	1		12/04/10 04:42	107-13-1	
Benzene	ND	ug/kg	4.8	1		12/04/10 04:42	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		12/04/10 04:42	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		12/04/10 04:42	75-27-4	
Bromoform	ND	ug/kg	4.8	1		12/04/10 04:42	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		12/04/10 04:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.1	1		12/04/10 04:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	98-06-6	
Carbon disulfide	ND	ug/kg	9.6	1		12/04/10 04:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		12/04/10 04:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	75-00-3	
Chloroform	ND	ug/kg	4.8	1		12/04/10 04:42	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		12/04/10 04:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		12/04/10 04:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		12/04/10 04:42	106-43-4	
Dibromochloromethane	ND	ug/kg	4.8	1		12/04/10 04:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		12/04/10 04:42	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		12/04/10 04:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	96.4	1		12/04/10 04:42	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		12/04/10 04:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		12/04/10 04:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/04/10 04:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/04/10 04:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		12/04/10 04:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		12/04/10 04:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		12/04/10 04:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		12/04/10 04:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/04/10 04:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/04/10 04:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.6	1		12/04/10 04:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		12/04/10 04:42	87-68-3	
n-Hexane	ND	ug/kg	4.8	1		12/04/10 04:42	110-54-3	
2-Hexanone	ND	ug/kg	96.4	1		12/04/10 04:42	591-78-6	
Iodomethane	ND	ug/kg	96.4	1		12/04/10 04:42	74-88-4	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 (19) **Lab ID: 5043987009** Collected: 12/01/10 09:15 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/04/10 04:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		12/04/10 04:42	99-87-6	
Methylene chloride	ND	ug/kg	19.3	1		12/04/10 04:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.1	1		12/04/10 04:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/04/10 04:42	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		12/04/10 04:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	103-65-1	
Styrene	ND	ug/kg	4.8	1		12/04/10 04:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	79-34-5	
Tetrachloroethene	**22.1**	ug/kg	4.8	1		12/04/10 04:42	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/04/10 04:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/04/10 04:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/04/10 04:42	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/04/10 04:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/04/10 04:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		12/04/10 04:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		12/04/10 04:42	108-67-8	
Vinyl acetate	ND	ug/kg	96.4	1		12/04/10 04:42	108-05-4	
Vinyl chloride	ND	ug/kg	4.8	1		12/04/10 04:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		12/04/10 04:42	1330-20-7	
Dibromofluoromethane (S)	96	%	80-124	1		12/04/10 04:42	1868-53-7	
Toluene-d8 (S)	102	%	58-145	1		12/04/10 04:42	2037-26-5	
4-Bromofluorobenzene (S)	103	%	61-131	1		12/04/10 04:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.7**	%	0.10	1		12/06/10 15:34		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 (23) **Lab ID: 5043987010** Collected: 12/01/10 09:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.4	1		12/04/10 05:17	67-64-1	
Acrolein	ND	ug/kg	90.4	1		12/04/10 05:17	107-02-8	
Acrylonitrile	ND	ug/kg	90.4	1		12/04/10 05:17	107-13-1	
Benzene	ND	ug/kg	4.5	1		12/04/10 05:17	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		12/04/10 05:17	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		12/04/10 05:17	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/04/10 05:17	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		12/04/10 05:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.6	1		12/04/10 05:17	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		12/04/10 05:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/04/10 05:17	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/04/10 05:17	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		12/04/10 05:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 05:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		12/04/10 05:17	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		12/04/10 05:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/04/10 05:17	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		12/04/10 05:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	90.4	1		12/04/10 05:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		12/04/10 05:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 05:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 05:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/04/10 05:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 05:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 05:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		12/04/10 05:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 05:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 05:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/04/10 05:17	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	9.0	1		12/04/10 05:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		12/04/10 05:17	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		12/04/10 05:17	110-54-3	
2-Hexanone	ND	ug/kg	90.4	1		12/04/10 05:17	591-78-6	
Iodomethane	ND	ug/kg	90.4	1		12/04/10 05:17	74-88-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 (23) **Lab ID: 5043987010** Collected: 12/01/10 09:25 Received: 12/02/10 11:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		12/04/10 05:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		12/04/10 05:17	99-87-6	
Methylene chloride	ND	ug/kg	18.1	1		12/04/10 05:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.6	1		12/04/10 05:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		12/04/10 05:17	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		12/04/10 05:17	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	103-65-1	
Styrene	ND	ug/kg	4.5	1		12/04/10 05:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	79-34-5	
Tetrachloroethene	**38.4**	ug/kg	4.5	1		12/04/10 05:17	127-18-4	
Toluene	ND	ug/kg	4.5	1		12/04/10 05:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/04/10 05:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/04/10 05:17	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		12/04/10 05:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/04/10 05:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		12/04/10 05:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		12/04/10 05:17	108-67-8	
Vinyl acetate	ND	ug/kg	90.4	1		12/04/10 05:17	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		12/04/10 05:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		12/04/10 05:17	1330-20-7	
Dibromofluoromethane (S)	98	%	80-124	1		12/04/10 05:17	1868-53-7	
Toluene-d8 (S)	107	%	58-145	1		12/04/10 05:17	2037-26-5	
4-Bromofluorobenzene (S)	108	%	61-131	1		12/04/10 05:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.5**	%	0.10	1		12/06/10 15:35		

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 **Lab ID: 5043987011** Collected: 12/01/10 14:30 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/03/10 20:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/03/10 20:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/03/10 20:13	107-13-1	
Benzene	ND	ug/L	5.0	1		12/03/10 20:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/03/10 20:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/03/10 20:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/03/10 20:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/03/10 20:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/03/10 20:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/03/10 20:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/03/10 20:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/03/10 20:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/03/10 20:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/03/10 20:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/03/10 20:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 20:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 20:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/03/10 20:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/03/10 20:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/03/10 20:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/03/10 20:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/03/10 20:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/03/10 20:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/03/10 20:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/03/10 20:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/03/10 20:13	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		12/03/10 20:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/03/10 20:13	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/03/10 20:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/03/10 20:13	99-87-6	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-5 **Lab ID: 5043987011** Collected: 12/01/10 14:30 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		12/03/10 20:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/03/10 20:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/03/10 20:13	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		12/03/10 20:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	103-65-1	
Styrene	ND	ug/L	5.0	1		12/03/10 20:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 20:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 20:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/03/10 20:13	127-18-4	
Toluene	ND	ug/L	5.0	1		12/03/10 20:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/03/10 20:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/03/10 20:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/03/10 20:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/03/10 20:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/03/10 20:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 20:13	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		12/03/10 20:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/03/10 20:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/03/10 20:13	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		12/03/10 20:13	1868-53-7	p2
4-Bromofluorobenzene (S)	104	%	70-126	1		12/03/10 20:13	460-00-4	
Toluene-d8 (S)	105	%	80-116	1		12/03/10 20:13	2037-26-5	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 **Lab ID: 5043987012** Collected: 12/01/10 12:30 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/03/10 20:46	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/03/10 20:46	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/03/10 20:46	107-13-1	
Benzene	ND	ug/L	5.0	1		12/03/10 20:46	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/03/10 20:46	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/03/10 20:46	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/03/10 20:46	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/03/10 20:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/03/10 20:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/03/10 20:46	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/03/10 20:46	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/03/10 20:46	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/03/10 20:46	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/03/10 20:46	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/03/10 20:46	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 20:46	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 20:46	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/03/10 20:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/03/10 20:46	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/03/10 20:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/03/10 20:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/03/10 20:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/03/10 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/03/10 20:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 20:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 20:46	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/03/10 20:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/03/10 20:46	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		12/03/10 20:46	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/03/10 20:46	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/03/10 20:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/03/10 20:46	99-87-6	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-6 **Lab ID: 5043987012** Collected: 12/01/10 12:30 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		12/03/10 20:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/03/10 20:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/03/10 20:46	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		12/03/10 20:46	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	103-65-1	
Styrene	ND	ug/L	5.0	1		12/03/10 20:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 20:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 20:46	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/03/10 20:46	127-18-4	
Toluene	ND	ug/L	5.0	1		12/03/10 20:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 20:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/03/10 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/03/10 20:46	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/03/10 20:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/03/10 20:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/03/10 20:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 20:46	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		12/03/10 20:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/03/10 20:46	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/03/10 20:46	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		12/03/10 20:46	1868-53-7	p2
4-Bromofluorobenzene (S)	102	%	70-126	1		12/03/10 20:46	460-00-4	
Toluene-d8 (S)	105	%	80-116	1		12/03/10 20:46	2037-26-5	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 **Lab ID: 5043987013** Collected: 12/01/10 13:45 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/03/10 21:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/03/10 21:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/03/10 21:20	107-13-1	
Benzene	ND	ug/L	5.0	1		12/03/10 21:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/03/10 21:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/03/10 21:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/03/10 21:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/03/10 21:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/03/10 21:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/03/10 21:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/03/10 21:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/03/10 21:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/03/10 21:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/03/10 21:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/03/10 21:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 21:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 21:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/03/10 21:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/03/10 21:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/03/10 21:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/03/10 21:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/03/10 21:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/03/10 21:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/03/10 21:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/03/10 21:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/03/10 21:20	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		12/03/10 21:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/03/10 21:20	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/03/10 21:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/03/10 21:20	99-87-6	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-7 **Lab ID: 5043987013** Collected: 12/01/10 13:45 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		12/03/10 21:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/03/10 21:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/03/10 21:20	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		12/03/10 21:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	103-65-1	
Styrene	ND	ug/L	5.0	1		12/03/10 21:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 21:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 21:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/03/10 21:20	127-18-4	
Toluene	ND	ug/L	5.0	1		12/03/10 21:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/03/10 21:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/03/10 21:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/03/10 21:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/03/10 21:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/03/10 21:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 21:20	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		12/03/10 21:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/03/10 21:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/03/10 21:20	1330-20-7	
Dibromofluoromethane (S)	96	%	80-123	1		12/03/10 21:20	1868-53-7	p2
4-Bromofluorobenzene (S)	106	%	70-126	1		12/03/10 21:20	460-00-4	
Toluene-d8 (S)	104	%	80-116	1		12/03/10 21:20	2037-26-5	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 **Lab ID: 5043987014** Collected: 12/01/10 10:55 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/03/10 21:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/03/10 21:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/03/10 21:53	107-13-1	
Benzene	ND	ug/L	5.0	1		12/03/10 21:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/03/10 21:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/03/10 21:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/03/10 21:53	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/03/10 21:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/03/10 21:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/03/10 21:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/03/10 21:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/03/10 21:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/03/10 21:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/03/10 21:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/03/10 21:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 21:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 21:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/03/10 21:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/03/10 21:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/03/10 21:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/03/10 21:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/03/10 21:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/03/10 21:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/03/10 21:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 21:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 21:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 21:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/03/10 21:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/03/10 21:53	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		12/03/10 21:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/03/10 21:53	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/03/10 21:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/03/10 21:53	99-87-6	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-8 **Lab ID: 5043987014** Collected: 12/01/10 10:55 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		12/03/10 21:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/03/10 21:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/03/10 21:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		12/03/10 21:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	103-65-1	
Styrene	ND	ug/L	5.0	1		12/03/10 21:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 21:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 21:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/03/10 21:53	127-18-4	
Toluene	ND	ug/L	5.0	1		12/03/10 21:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 21:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/03/10 21:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/03/10 21:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/03/10 21:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/03/10 21:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/03/10 21:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 21:53	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		12/03/10 21:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/03/10 21:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/03/10 21:53	1330-20-7	
Dibromofluoromethane (S)	95	%	80-123	1		12/03/10 21:53	1868-53-7	p2
4-Bromofluorobenzene (S)	104	%	70-126	1		12/03/10 21:53	460-00-4	
Toluene-d8 (S)	102	%	80-116	1		12/03/10 21:53	2037-26-5	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 **Lab ID: 5043987015** Collected: 12/01/10 09:35 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/03/10 22:27	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/03/10 22:27	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/03/10 22:27	107-13-1	
Benzene	ND	ug/L	5.0	1		12/03/10 22:27	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/03/10 22:27	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/03/10 22:27	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/03/10 22:27	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/03/10 22:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/03/10 22:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/03/10 22:27	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/03/10 22:27	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/03/10 22:27	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/03/10 22:27	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/03/10 22:27	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/03/10 22:27	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 22:27	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/03/10 22:27	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/03/10 22:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/03/10 22:27	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/03/10 22:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/03/10 22:27	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/03/10 22:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/03/10 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/03/10 22:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/03/10 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/03/10 22:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 22:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/03/10 22:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/03/10 22:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/03/10 22:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 22:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/03/10 22:27	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/03/10 22:27	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/03/10 22:27	87-68-3	
2-Hexanone	ND	ug/L	25.0	1		12/03/10 22:27	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/03/10 22:27	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/03/10 22:27	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/03/10 22:27	99-87-6	

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ANALYTICAL RESULTS

Project: South Bend
Pace Project No.: 5043987

Sample: KEND GP-9 **Lab ID: 5043987015** Collected: 12/01/10 09:35 Received: 12/02/10 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methylene chloride	ND	ug/L	5.0	1		12/03/10 22:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/03/10 22:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/03/10 22:27	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		12/03/10 22:27	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	103-65-1	
Styrene	ND	ug/L	5.0	1		12/03/10 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/03/10 22:27	79-34-5	
Tetrachloroethene	**45.9**	ug/L	5.0	1		12/03/10 22:27	127-18-4	
Toluene	ND	ug/L	5.0	1		12/03/10 22:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/03/10 22:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/03/10 22:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/03/10 22:27	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/03/10 22:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/03/10 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/03/10 22:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/03/10 22:27	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		12/03/10 22:27	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/03/10 22:27	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/03/10 22:27	1330-20-7	
Dibromofluoromethane (S)	103	%	80-123	1		12/03/10 22:27	1868-53-7	
4-Bromofluorobenzene (S)	104	%	70-126	1		12/03/10 22:27	460-00-4	
Toluene-d8 (S)	101	%	80-116	1		12/03/10 22:27	2037-26-5	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

QC Batch: MSV/28728 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5043987011, 5043987012, 5043987013, 5043987014, 5043987015

METHOD BLANK: 515971 Matrix: Water
Associated Lab Samples: 5043987011, 5043987012, 5043987013, 5043987014, 5043987015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,1-Dichloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,1-Dichloroethene	ug/L	ND	5.0	12/03/10 19:39	
1,1-Dichloropropene	ug/L	ND	5.0	12/03/10 19:39	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/03/10 19:39	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/03/10 19:39	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/03/10 19:39	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
1,2-Dichloroethane	ug/L	ND	5.0	12/03/10 19:39	
1,2-Dichloropropane	ug/L	ND	5.0	12/03/10 19:39	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/03/10 19:39	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
1,3-Dichloropropane	ug/L	ND	5.0	12/03/10 19:39	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
2,2-Dichloropropane	ug/L	ND	5.0	12/03/10 19:39	
2-Butanone (MEK)	ug/L	ND	25.0	12/03/10 19:39	
2-Chlorotoluene	ug/L	ND	5.0	12/03/10 19:39	
2-Hexanone	ug/L	ND	25.0	12/03/10 19:39	
4-Chlorotoluene	ug/L	ND	5.0	12/03/10 19:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/03/10 19:39	
Acetone	ug/L	ND	100	12/03/10 19:39	
Acrolein	ug/L	ND	50.0	12/03/10 19:39	
Acrylonitrile	ug/L	ND	100	12/03/10 19:39	
Benzene	ug/L	ND	5.0	12/03/10 19:39	
Bromobenzene	ug/L	ND	5.0	12/03/10 19:39	
Bromochloromethane	ug/L	ND	5.0	12/03/10 19:39	
Bromodichloromethane	ug/L	ND	5.0	12/03/10 19:39	
Bromoform	ug/L	ND	5.0	12/03/10 19:39	
Bromomethane	ug/L	ND	5.0	12/03/10 19:39	
Carbon disulfide	ug/L	ND	10.0	12/03/10 19:39	
Carbon tetrachloride	ug/L	ND	5.0	12/03/10 19:39	
Chlorobenzene	ug/L	ND	5.0	12/03/10 19:39	
Chloroethane	ug/L	ND	5.0	12/03/10 19:39	
Chloroform	ug/L	ND	5.0	12/03/10 19:39	
Chloromethane	ug/L	ND	5.0	12/03/10 19:39	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/03/10 19:39	
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/03/10 19:39	
Dibromochloromethane	ug/L	ND	5.0	12/03/10 19:39	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

METHOD BLANK: 515971 Matrix: Water

Associated Lab Samples: 5043987011, 5043987012, 5043987013, 5043987014, 5043987015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	12/03/10 19:39	
Dichlorodifluoromethane	ug/L	ND	5.0	12/03/10 19:39	
Ethyl methacrylate	ug/L	ND	100	12/03/10 19:39	
Ethylbenzene	ug/L	ND	5.0	12/03/10 19:39	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/03/10 19:39	
Iodomethane	ug/L	ND	10.0	12/03/10 19:39	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/03/10 19:39	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/03/10 19:39	
Methylene chloride	ug/L	ND	5.0	12/03/10 19:39	
n-Butylbenzene	ug/L	ND	5.0	12/03/10 19:39	
n-Propylbenzene	ug/L	ND	5.0	12/03/10 19:39	
Naphthalene	ug/L	ND	5.0	12/03/10 19:39	
p-Isopropyltoluene	ug/L	ND	5.0	12/03/10 19:39	
sec-Butylbenzene	ug/L	ND	5.0	12/03/10 19:39	
Styrene	ug/L	ND	5.0	12/03/10 19:39	
tert-Butylbenzene	ug/L	ND	5.0	12/03/10 19:39	
Tetrachloroethene	ug/L	ND	5.0	12/03/10 19:39	
Toluene	ug/L	ND	5.0	12/03/10 19:39	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/03/10 19:39	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/03/10 19:39	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/03/10 19:39	
Trichloroethene	ug/L	ND	5.0	12/03/10 19:39	
Trichlorofluoromethane	ug/L	ND	5.0	12/03/10 19:39	
Vinyl acetate	ug/L	ND	10.0	12/03/10 19:39	
Vinyl chloride	ug/L	ND	2.0	12/03/10 19:39	
Xylene (Total)	ug/L	ND	10.0	12/03/10 19:39	
4-Bromofluorobenzene (S)	%	106	70-126	12/03/10 19:39	
Dibromofluoromethane (S)	%	95	80-123	12/03/10 19:39	
Toluene-d8 (S)	%	103	80-116	12/03/10 19:39	

LABORATORY CONTROL SAMPLE: 515972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	69-130	
1,1,1-Trichloroethane	ug/L	50	52.9	106	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	48.5	97	69-131	
1,1,2-Trichloroethane	ug/L	50	48.2	96	77-132	
1,1-Dichloroethane	ug/L	50	53.8	108	67-133	
1,1-Dichloroethene	ug/L	50	53.7	107	63-128	
1,1-Dichloropropene	ug/L	50	51.6	103	75-134	
1,2,3-Trichlorobenzene	ug/L	50	52.2	104	58-131	
1,2,3-Trichloropropane	ug/L	100	84.3	84	60-131	
1,2,4-Trichlorobenzene	ug/L	50	48.2	96	60-130	
1,2,4-Trimethylbenzene	ug/L	50	51.5	103	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	75-126	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

LABORATORY CONTROL SAMPLE: 515972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	51.4	103	76-124	
1,2-Dichloroethane	ug/L	50	51.4	103	69-139	
1,2-Dichloropropane	ug/L	50	52.5	105	76-129	
1,3,5-Trimethylbenzene	ug/L	50	53.6	107	74-130	
1,3-Dichlorobenzene	ug/L	50	52.4	105	76-125	
1,3-Dichloropropane	ug/L	50	51.1	102	74-126	
1,4-Dichlorobenzene	ug/L	50	50.5	101	75-122	
2,2-Dichloropropane	ug/L	50	54.6	109	53-144	
2-Butanone (MEK)	ug/L	250	276	111	47-189	
2-Chlorotoluene	ug/L	50	55.2	110	72-128	
2-Hexanone	ug/L	250	262	105	57-167	
4-Chlorotoluene	ug/L	50	52.8	106	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	243	97	61-135	
Acetone	ug/L	250	359	144	30-170	
Acrolein	ug/L	1000	1610	161	30-170	
Acrylonitrile	ug/L	1000	1060	106	67-136	
Benzene	ug/L	50	53.5	107	78-127	
Bromobenzene	ug/L	50	55.9	112	62-139	
Bromochloromethane	ug/L	50	57.1	114	54-162	
Bromodichloromethane	ug/L	50	48.0	96	69-133	
Bromoform	ug/L	50	42.5	85	60-127	
Bromomethane	ug/L	50	46.9	94	30-170	
Carbon disulfide	ug/L	100	104	104	58-152	
Carbon tetrachloride	ug/L	50	49.1	98	62-143	
Chlorobenzene	ug/L	50	51.2	102	75-123	
Chloroethane	ug/L	50	56.7	113	56-153	
Chloroform	ug/L	50	51.7	103	74-131	
Chloromethane	ug/L	50	52.3	105	35-147	
cis-1,2-Dichloroethene	ug/L	50	54.9	110	74-128	
cis-1,3-Dichloropropene	ug/L	50	46.3	93	58-123	
Dibromochloromethane	ug/L	50	47.8	96	66-131	
Dibromomethane	ug/L	50	54.3	109	73-133	
Dichlorodifluoromethane	ug/L	50	57.7	115	30-170	
Ethyl methacrylate	ug/L	200	188	94	59-138	
Ethylbenzene	ug/L	50	52.6	105	81-126	
Hexachloro-1,3-butadiene	ug/L	50	51.5	103	70-130	
Iodomethane	ug/L	100	83.6	84	41-170	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	80-130	
Methyl-tert-butyl ether	ug/L	100	106	106	66-147	
Methylene chloride	ug/L	50	52.0	104	32-164	
n-Butylbenzene	ug/L	50	53.9	108	68-135	
n-Propylbenzene	ug/L	50	53.9	108	71-132	
Naphthalene	ug/L	50	49.2	98	61-135	
p-Isopropyltoluene	ug/L	50	54.7	109	66-131	
sec-Butylbenzene	ug/L	50	54.6	109	73-130	
Styrene	ug/L	50	53.3	107	74-128	
tert-Butylbenzene	ug/L	50	50.3	101	63-117	
Tetrachloroethene	ug/L	50	47.6	95	60-119	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

LABORATORY CONTROL SAMPLE: 515972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.7	103	75-129	
trans-1,2-Dichloroethene	ug/L	50	54.0	108	71-126	
trans-1,3-Dichloropropene	ug/L	50	48.7	97	54-123	
trans-1,4-Dichloro-2-butene	ug/L	200	179	89	47-141	
Trichloroethene	ug/L	50	50.8	102	74-130	
Trichlorofluoromethane	ug/L	50	53.3	107	62-150	
Vinyl acetate	ug/L	200	268	134	41-145	
Vinyl chloride	ug/L	50	56.7	113	55-141	
Xylene (Total)	ug/L	150	154	103	76-132	
4-Bromofluorobenzene (S)	%			102	70-126	
Dibromofluoromethane (S)	%			103	80-123	
Toluene-d8 (S)	%			100	80-116	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

QC Batch: MSV/28729 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5043987001, 5043987002, 5043987003, 5043987004, 5043987005, 5043987006, 5043987007, 5043987008, 5043987009, 5043987010

METHOD BLANK: 515989 Matrix: Solid
Associated Lab Samples: 5043987001, 5043987002, 5043987003, 5043987004, 5043987005, 5043987006, 5043987007, 5043987008, 5043987009, 5043987010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,1-Dichloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,1-Dichloroethene	ug/kg	ND	5.0	12/03/10 19:39	
1,1-Dichloropropene	ug/kg	ND	5.0	12/03/10 19:39	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/03/10 19:39	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/03/10 19:39	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,2-Dichloroethane	ug/kg	ND	5.0	12/03/10 19:39	
1,2-Dichloropropane	ug/kg	ND	5.0	12/03/10 19:39	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
1,3-Dichloropropane	ug/kg	ND	5.0	12/03/10 19:39	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
2,2-Dichloropropane	ug/kg	ND	5.0	12/03/10 19:39	
2-Butanone (MEK)	ug/kg	ND	25.0	12/03/10 19:39	
2-Chlorotoluene	ug/kg	ND	5.0	12/03/10 19:39	
2-Hexanone	ug/kg	ND	100	12/03/10 19:39	
4-Chlorotoluene	ug/kg	ND	5.0	12/03/10 19:39	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	12/03/10 19:39	
Acetone	ug/kg	ND	100	12/03/10 19:39	
Acrolein	ug/kg	ND	100	12/03/10 19:39	
Acrylonitrile	ug/kg	ND	100	12/03/10 19:39	
Benzene	ug/kg	ND	5.0	12/03/10 19:39	
Bromobenzene	ug/kg	ND	5.0	12/03/10 19:39	
Bromochloromethane	ug/kg	ND	5.0	12/03/10 19:39	
Bromodichloromethane	ug/kg	ND	5.0	12/03/10 19:39	
Bromoform	ug/kg	ND	5.0	12/03/10 19:39	
Bromomethane	ug/kg	ND	5.0	12/03/10 19:39	
Carbon disulfide	ug/kg	ND	10.0	12/03/10 19:39	
Carbon tetrachloride	ug/kg	ND	5.0	12/03/10 19:39	
Chlorobenzene	ug/kg	ND	5.0	12/03/10 19:39	
Chloroethane	ug/kg	ND	5.0	12/03/10 19:39	
Chloroform	ug/kg	ND	5.0	12/03/10 19:39	
Chloromethane	ug/kg	ND	5.0	12/03/10 19:39	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/03/10 19:39	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

METHOD BLANK: 515989 Matrix: Solid

Associated Lab Samples: 5043987001, 5043987002, 5043987003, 5043987004, 5043987005, 5043987006, 5043987007, 5043987008, 5043987009, 5043987010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/03/10 19:39	
Dibromochloromethane	ug/kg	ND	5.0	12/03/10 19:39	
Dibromomethane	ug/kg	ND	5.0	12/03/10 19:39	
Dichlorodifluoromethane	ug/kg	ND	5.0	12/03/10 19:39	
Ethyl methacrylate	ug/kg	ND	10.0	12/03/10 19:39	
Ethylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/03/10 19:39	
Iodomethane	ug/kg	ND	100	12/03/10 19:39	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/03/10 19:39	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/03/10 19:39	
Methylene chloride	ug/kg	ND	20.0	12/03/10 19:39	
n-Butylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
n-Hexane	ug/kg	ND	5.0	12/03/10 19:39	
n-Propylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
Naphthalene	ug/kg	ND	5.0	12/03/10 19:39	
p-Isopropyltoluene	ug/kg	ND	5.0	12/03/10 19:39	
sec-Butylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
Styrene	ug/kg	ND	5.0	12/03/10 19:39	
tert-Butylbenzene	ug/kg	ND	5.0	12/03/10 19:39	
Tetrachloroethene	ug/kg	ND	5.0	12/03/10 19:39	
Toluene	ug/kg	ND	5.0	12/03/10 19:39	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/03/10 19:39	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/03/10 19:39	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	12/03/10 19:39	
Trichloroethene	ug/kg	ND	5.0	12/03/10 19:39	
Trichlorofluoromethane	ug/kg	ND	5.0	12/03/10 19:39	
Vinyl acetate	ug/kg	ND	100	12/03/10 19:39	
Vinyl chloride	ug/kg	ND	5.0	12/03/10 19:39	
Xylene (Total)	ug/kg	ND	10.0	12/03/10 19:39	
4-Bromofluorobenzene (S)	%	106	61-131	12/03/10 19:39	
Dibromofluoromethane (S)	%	95	80-124	12/03/10 19:39	
Toluene-d8 (S)	%	103	58-145	12/03/10 19:39	

LABORATORY CONTROL SAMPLE: 515990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.0	98	65-124	
1,1,1-Trichloroethane	ug/kg	50	52.9	106	61-135	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.5	97	66-124	
1,1,2-Trichloroethane	ug/kg	50	48.2	96	74-127	
1,1-Dichloroethane	ug/kg	50	53.8	108	62-132	
1,1-Dichloroethene	ug/kg	50	53.7	107	61-123	
1,1-Dichloropropene	ug/kg	50	51.6	103	74-128	
1,2,3-Trichlorobenzene	ug/kg	50	52.2	104	60-125	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

LABORATORY CONTROL SAMPLE: 515990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	100	84.3	84	61-120	
1,2,4-Trichlorobenzene	ug/kg	50	48.2	96	58-126	
1,2,4-Trimethylbenzene	ug/kg	50	51.5	103	72-120	
1,2-Dibromoethane (EDB)	ug/kg	50	51.7	103	74-119	
1,2-Dichlorobenzene	ug/kg	50	51.4	103	75-117	
1,2-Dichloroethane	ug/kg	50	51.4	103	62-135	
1,2-Dichloropropane	ug/kg	50	52.5	105	74-124	
1,3,5-Trimethylbenzene	ug/kg	50	53.6	107	73-122	
1,3-Dichlorobenzene	ug/kg	50	52.4	105	73-120	
1,3-Dichloropropane	ug/kg	50	51.1	102	71-122	
1,4-Dichlorobenzene	ug/kg	50	50.5	101	72-118	
2,2-Dichloropropane	ug/kg	50	54.6	109	53-136	
2-Butanone (MEK)	ug/kg	250	276	111	33-190	
2-Chlorotoluene	ug/kg	50	55.2	110	72-122	
2-Hexanone	ug/kg	250	262	105	44-168	
4-Chlorotoluene	ug/kg	50	52.8	106	72-120	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	243	97	58-126	
Acetone	ug/kg	250	359	144	30-190	
Acrolein	ug/kg	1000	1610	161	30-190	
Acrylonitrile	ug/kg	1000	1060	106	65-129	
Benzene	ug/kg	50	53.5	107	76-123	
Bromobenzene	ug/kg	50	55.9	112	74-116	
Bromochloromethane	ug/kg	50	57.1	114	56-143	
Bromodichloromethane	ug/kg	50	48.0	96	67-123	
Bromoform	ug/kg	50	42.5	85	58-117	
Bromomethane	ug/kg	50	46.9	94	47-147	
Carbon disulfide	ug/kg	100	104	104	56-141	
Carbon tetrachloride	ug/kg	50	49.1	98	54-136	
Chlorobenzene	ug/kg	50	51.2	102	75-115	
Chloroethane	ug/kg	50	56.7	113	57-147	
Chloroform	ug/kg	50	51.7	103	74-123	
Chloromethane	ug/kg	50	52.3	105	31-155	
cis-1,2-Dichloroethene	ug/kg	50	54.9	110	76-119	
cis-1,3-Dichloropropene	ug/kg	50	46.3	93	56-110	
Dibromochloromethane	ug/kg	50	47.8	96	63-122	
Dibromomethane	ug/kg	50	54.3	109	70-127	
Dichlorodifluoromethane	ug/kg	50	57.7	115	30-170	
Ethyl methacrylate	ug/kg	200	188	94	58-126	
Ethylbenzene	ug/kg	50	52.6	105	78-121	
Hexachloro-1,3-butadiene	ug/kg	50	51.5	103	65-128	
Iodomethane	ug/kg	100	83.6J	84	38-173	
Isopropylbenzene (Cumene)	ug/kg	50	50.6	101	75-128	
Methyl-tert-butyl ether	ug/kg	100	106	106	59-142	
Methylene chloride	ug/kg	50	52.0	104	30-170	
n-Butylbenzene	ug/kg	50	53.9	108	70-123	
n-Hexane	ug/kg	50	50.8	102	76-143	
n-Propylbenzene	ug/kg	50	53.9	108	70-126	
Naphthalene	ug/kg	50	49.2	98	60-128	

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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

LABORATORY CONTROL SAMPLE: 515990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	54.7	109	65-125	
sec-Butylbenzene	ug/kg	50	54.6	109	72-125	
Styrene	ug/kg	50	53.3	107	75-118	
tert-Butylbenzene	ug/kg	50	50.3	101	61-114	
Tetrachloroethene	ug/kg	50	47.6	95	63-117	
Toluene	ug/kg	50	51.7	103	72-123	
trans-1,2-Dichloroethene	ug/kg	50	54.0	108	70-122	
trans-1,3-Dichloropropene	ug/kg	50	48.7	97	55-107	
trans-1,4-Dichloro-2-butene	ug/kg	200	179	89	49-127	
Trichloroethene	ug/kg	50	50.8	102	74-121	
Trichlorofluoromethane	ug/kg	50	53.3	107	55-156	
Vinyl acetate	ug/kg	200	268	134	46-127	L3
Vinyl chloride	ug/kg	50	56.7	113	50-146	
Xylene (Total)	ug/kg	150	154	103	77-120	
4-Bromofluorobenzene (S)	%			102	61-131	
Dibromofluoromethane (S)	%			103	80-124	
Toluene-d8 (S)	%			100	58-145	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 515991 515992

Parameter	Units	5043987004 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	47.6	46.9	34.0	31.7	71	68	20-133	7	20	
1,1,1-Trichloroethane	ug/kg	ND	47.6	46.9	42.1	40.6	88	86	27-142	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	47.6	46.9	32.4	32.3	68	69	20-159	.2	20	
1,1,2-Trichloroethane	ug/kg	ND	47.6	46.9	41.3	36.7	87	78	20-155	12	20	
1,1-Dichloroethane	ug/kg	ND	47.6	46.9	45.7	43.5	96	93	31-141	5	20	
1,1-Dichloroethene	ug/kg	ND	47.6	46.9	45.1	44.9	95	96	23-132	.5	20	
1,1-Dichloropropene	ug/kg	ND	47.6	46.9	39.4	36.8	83	78	20-146	7	20	
1,2,3-Trichlorobenzene	ug/kg	ND	47.6	46.9	15.2	15.2	32	32	20-140	.3	20	
1,2,3-Trichloropropane	ug/kg	ND	95.2	94	58.4	58.3	61	62	20-153	.2	20	
1,2,4-Trichlorobenzene	ug/kg	ND	47.6	46.9	14.2	14.0	30	30	20-120	1	20	
1,2,4-Trimethylbenzene	ug/kg	ND	47.6	46.9	22.9	21.0	48	45	20-156	9	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	47.6	46.9	40.9	38.2	86	81	20-143	7	20	
1,2-Dichlorobenzene	ug/kg	ND	47.6	46.9	22.5	21.5	47	46	20-133	5	20	
1,2-Dichloroethane	ug/kg	ND	47.6	46.9	43.2	39.0	91	83	30-143	10	20	
1,2-Dichloropropane	ug/kg	ND	47.6	46.9	42.3	40.0	89	85	30-140	6	20	
1,3,5-Trimethylbenzene	ug/kg	ND	47.6	46.9	23.9	22.0	50	47	20-143	8	20	
1,3-Dichlorobenzene	ug/kg	ND	47.6	46.9	21.7	20.2	46	43	20-136	7	20	
1,3-Dichloropropane	ug/kg	ND	47.6	46.9	41.9	38.6	88	82	30-144	8	20	
1,4-Dichlorobenzene	ug/kg	ND	47.6	46.9	21.3	19.5	45	42	30-135	9	20	
2,2-Dichloropropane	ug/kg	ND	47.6	46.9	44.7	42.3	94	90	30-143	5	20	
2-Butanone (MEK)	ug/kg	ND	238	235	330	308	139	131	30-190	7	20	
2-Chlorotoluene	ug/kg	ND	47.6	46.9	24.9	23.8	52	51	30-170	4	20	
2-Hexanone	ug/kg	ND	238	235	269	250	113	106	30-170	7	20	
4-Chlorotoluene	ug/kg	ND	47.6	46.9	23.4	21.7	49	46	30-143	8	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	238	235	227	203	95	86	30-144	11	20	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 515991 515992

Parameter	Units	5043987004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	238	235	483	471	203	201	30-180	3	20	M0
Acrolein	ug/kg	ND	952	940	1380	1300	145	138	30-180	6	20	
Acrylonitrile	ug/kg	ND	952	940	936	863	98	92	30-141	8	20	
Benzene	ug/kg	ND	47.6	46.9	42.0	38.8	88	83	50-135	8	20	
Bromobenzene	ug/kg	ND	47.6	46.9	33.3	31.3	70	67	30-125	6	20	
Bromochloromethane	ug/kg	ND	47.6	46.9	49.8	44.0	105	94	30-159	12	20	
Bromodichloromethane	ug/kg	ND	47.6	46.9	37.4	34.9	79	74	30-141	7	20	
Bromoform	ug/kg	ND	47.6	46.9	30.7	30.5	64	65	30-135	.7	20	
Bromomethane	ug/kg	ND	47.6	46.9	36.6	37.9	77	81	30-137	3	20	
Carbon disulfide	ug/kg	ND	95.2	94	84.4	79.1	89	84	30-156	6	20	
Carbon tetrachloride	ug/kg	ND	47.6	46.9	38.3	37.2	81	79	30-130	3	20	
Chlorobenzene	ug/kg	ND	47.6	46.9	31.9	29.6	67	63	30-137	7	20	
Chloroethane	ug/kg	ND	47.6	46.9	52.4	51.3	110	109	35-143	2	20	
Chloroform	ug/kg	ND	47.6	46.9	41.3	39.9	87	85	30-136	3	20	
Chloromethane	ug/kg	ND	47.6	46.9	46.4	44.2	98	94	28-134	5	20	
cis-1,2-Dichloroethene	ug/kg	ND	47.6	46.9	44.2	41.4	93	88	30-141	7	20	
cis-1,3-Dichloropropene	ug/kg	ND	47.6	46.9	35.3	32.0	74	68	30-126	10	20	
Dibromochloromethane	ug/kg	ND	47.6	46.9	35.7	33.8	75	72	30-129	5	20	
Dibromomethane	ug/kg	ND	47.6	46.9	43.3	42.2	91	90	30-153	3	20	
Dichlorodifluoromethane	ug/kg	ND	47.6	46.9	56.0	52.4	118	111	30-150	7	20	
Ethyl methacrylate	ug/kg	ND	190	188	159	141	84	75	30-170	12	20	
Ethylbenzene	ug/kg	ND	47.6	46.9	31.1	29.6	65	63	50-150	5	20	
Hexachloro-1,3-butadiene	ug/kg	ND	47.6	46.9	9.0	8.4	19	18	30-138	7	20	M0
Iodomethane	ug/kg	ND	95.2	94	68.4J	65.6J	72	70	30-180		20	
Isopropylbenzene (Cumene)	ug/kg	ND	47.6	46.9	27.2	24.9	57	53	50-150	9	20	
Methyl-tert-butyl ether	ug/kg	ND	95.2	94	94.1	84.7	99	90	40-149	10	20	
Methylene chloride	ug/kg	ND	47.6	46.9	45.8	43.8	96	93	30-163	4	20	
n-Butylbenzene	ug/kg	ND	47.6	46.9	16.2	15.2	34	32	40-152	7	20	M0
n-Hexane	ug/kg	ND	47.6	46.9	39.5	34.8	83	74	40-155	13	20	
n-Propylbenzene	ug/kg	ND	47.6	46.9	23.9	22.2	50	47	40-170	8	20	
Naphthalene	ug/kg	ND	47.6	46.9	21.4	23.4	45	50	50-128	9	20	M0
p-Isopropyltoluene	ug/kg	ND	47.6	46.9	19.2	17.6	40	37	40-167	9	20	M0
sec-Butylbenzene	ug/kg	ND	47.6	46.9	21.4	18.9	45	40	40-168	12	20	
Styrene	ug/kg	ND	47.6	46.9	31.4	28.2	66	60	30-141	11	20	
tert-Butylbenzene	ug/kg	ND	47.6	46.9	22.4	20.5	47	44	40-144	9	20	
Tetrachloroethene	ug/kg	ND	47.6	46.9	32.7	29.5	65	59	40-155	10	20	
Toluene	ug/kg	ND	47.6	46.9	37.4	32.7	79	70	50-149	13	20	
trans-1,2-Dichloroethene	ug/kg	ND	47.6	46.9	44.4	40.0	93	85	40-140	10	20	
trans-1,3-Dichloropropene	ug/kg	ND	47.6	46.9	35.9	30.9	75	66	40-130	15	20	
trans-1,4-Dichloro-2-butene	ug/kg	ND	190	188	132	126	69	67	30-150	5	20	
Trichloroethene	ug/kg	ND	47.6	46.9	36.3	34.5	76	74	40-153	5	20	
Trichlorofluoromethane	ug/kg	ND	47.6	46.9	50.9	45.6	107	97	43-140	11	20	
Vinyl acetate	ug/kg	ND	190	188	55.6J	86J	29	46	30-120		20	M0
Vinyl chloride	ug/kg	ND	47.6	46.9	54.0	50.0	113	106	36-137	8	20	
Xylene (Total)	ug/kg	ND	143	141	90.6	81.9	63	58	50-143	10	20	
4-Bromofluorobenzene (S)	%						100	101	61-131		20	
Dibromofluoromethane (S)	%						101	101	80-124		20	

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 515991 515992

Parameter	Units	5043987004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						105	96	58-145		20	

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALITY CONTROL DATA

Project: South Bend
Pace Project No.: 5043987

QC Batch: PMST/5382 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5043987001, 5043987002, 5043987003, 5043987004, 5043987005, 5043987006, 5043987007, 5043987008, 5043987009, 5043987010

SAMPLE DUPLICATE: 516063

Parameter	Units	5044014001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.8	5.4	23	5	R2

SAMPLE DUPLICATE: 516064

Parameter	Units	5043987004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.8	2.1	17	5	R2

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALIFIERS

Project: South Bend
Pace Project No.: 5043987

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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 NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R2	RPD value was outside control limits due to matrix interference
p2	Post-analysis pH measurement indicates pH > 2.

CHAIN-OF-CUSTODY / Analytical Request Document

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

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VTMS

Page: 1 of 2

1444686

Information:	Section B Required Project Information:	Section C Invoice Information:
ENV. SVCS	Report To: Conley Phifer	Attention: SAME
NCOLN WAY WEST	Copy To:	Company Name:
WAKA, IN 46544		Address:
PHIFERENV.COM	Purchase Order No.:	Pace Quote Reference:
191 Fax:	Project Name:	Pace Project Manager:
Date/TAT: 1-WK	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

t Information AMPLE ID (A-Z, 0-9 / ,-) Ds MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other DI WATER	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 5043987
GP-5 (14)	SL		12-1	2:25				4	1						1	2		X		001
GP-5 (18.5)	SL			2:30				4	1						1	2		X		2
GP-6 (14)	SL			11:35				4	1						1	2		X		3
GP-6 (18.5)	SL			12:00				4	1						1	2		X		4
GP-7 (14)	SL			1:10				4	1						1	2		X		5
GP-7 (18.5)	SL			1:15				4	1						1	2		X		6
GP-8 (15)	SL			10:20				4	1						1	2		X		7
GP-8 (18.5)	SL			10:25				4	1						1	2		X		8
GP-9 (19)	SL			9:15				4	1						1	2		X		9
GP-9 (23)	SL			9:25				4	1						1	2		X		10
GP-6 MS (18.5)	SL			12:00				4	1						1	2		X		~~11~~ (004)
GP-6 MSD (18.5)	SL		↓	12:00				4	1						1	2		X		~~12~~

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	1.2°C SAMPLE CONDITIONS
	Conley Phifer / PES	12/2	11:50	Marcia Bennett	12/2/10	11:50	1.4°C Y N

w/ice ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Conley Phifer

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: 2 of 2

1444687

Information:	Section B Required Project Information:	Section C Invoice Information:
ER ENV. SVCS	Report To: Conley Phifer	Attention: SAME
LINCOLN WAY WEST	Copy To:	Company Name:
AWAKA, IN 46544		Address:
@phiferenv.com	Purchase Order No.:	Pace Quote Reference:
7191 Fax:	Project Name:	Pace Project Manager:
Date/TAT: 1-WK	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

nt Information AMPLE ID (A-Z, 0-9 / ,-) Ds 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	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
D GP-5	WT	G	12/1	2:30				3				3						X		11
D GP-6	WT	G		12:30				3				3						X		12
ND GP-7	WT	G		1:45				3				3						X		13
ND GP-8	WT	G		10:55				3				3						X		14
ND GP-9	WT	G	↓	9:35				3				3						X		15

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	1.2°C SAMPLE CONDITIONS
	Conley Phifer / PES	12/2	11:50	Marcia Bonnett	12/2/10	11:50	1.4 Y N

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Conley Phifer

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

Sample Condition Upon Receipt

Face Analytical Client Name: Phifer Env. Project # 5043987

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

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☑ Other plastic holder

Thermometer Used 1 2 3 4 6 A B C D (E) Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.2°C, 1.4°C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: MB 12/2/10

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	5. reg terracore MB
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6. 1 week MB
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☐Yes ☐No ☐N/A	8.
All containers needing preservation have been pH checked? exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No ☑N/A	9.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	10.
Trip Blank Present:	☐Yes ☐No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Project Manager Review		
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	12.
Sufficient Volume:	☐Yes ☐No ☐N/A	13.
Correct Containers Used:	☐Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12/2/10

Sample Container Count

Phifer Env.

1 of 2
444686

Project # _____

DG9H	AG1U	WGFU	R 4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
			4												
			4												
			4												
			4												
			4												
			4												
			4												
			4												
			4												
			4												
			4												
			4												

Container Codes

40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

Phifer Env.

2 of 2
44687

Project # _____

DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
3															
3															
3															
3															
3															

Container Codes

40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag