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PHASE II INVESTIGATION REPORT

Former Wheeling Corrugating Company
340 27th Avenue Northeast
Minneapolis, Minnesota 55418

For: City of Minneapolis, Minnesota

Date: September 22, 2010

URS Project No. 31810829

TABLE OF CONTENTS

SECTION 1 INTRODUCTION AND BACKGROUND 1

1.1 Site Background 1
1.2 Project Chronology 1

SECTION 2 METHODS AND PROCEDURES 2

2.1 Description of Project Activities 2

SECTION 3 SUMMARY OF FINDINGS 3

3.1 Site Geology and Hydrogeology 3
3.2 Soil Quality 3
3.2.1 Phase II Drilling Investigation 3
3.2.2 Geotechnical Investigations 4
3.3 Groundwater Quality 5

SECTION 4 DATA ANALYSIS AND RECOMMENDATIONS 6

4.1 Soil 6
4.2 Groundwater 6
4.3 Waste 6
4.4 Recommendations 6

SECTION 5 STANDARD OF CARE 7

TABLES

Table 1 PID Field Screening Results
Table 2 Laboratory Analysis (Soil)
Table 3 Laboratory Analysis (Geotechnical Investigation)
Table 4 Laboratory Analysis – Groundwater

FIGURES

Figure 1 Site Location Map
Figure 2 Boring Location Map
Figure 3 Analytical Detections – HHW Facility
Figure 4 Analytical Detections – Solid Waste Facility
Figure 5 Analytical Detections – Stormwater Pond
Figure 6 Analytical Detections - Groundwater
Figure 7 Proposed Development

APPENDICES

Appendix A Laboratory Reports
Appendix B Soil Boring Logs

URS Corporation (URS), on behalf of the City of Minneapolis, Minnesota, conducted a Phase II Environmental Site Assessment (Phase II ESA) at the Former Wheeling Corrugating Company located at 340 27th Avenue Northeast, Minneapolis, Minnesota in effort to redevelop the property as a Household Hazardous Waste facility. This Phase II ESA served the dual purpose of evaluating recognized environmental conditions (RECs) identified during a previous Phase I Environmental Site Assessment of the Subject Property and investigating areas of potential soil disturbance during future redevelopment as a household hazardous waste facility.[1] This report has been prepared to summarize the findings and methods employed during investigation activities

1.1 SITE BACKGROUND

The Subject Property is located 340 27th Avenue Northeast, Minneapolis, Hennepin County, Minnesota in portions of the Northwest Quarter of Section 11, Township 29 North, Range 24 West (**Figure 1**). The site encompasses approximately 6.56 acres, and is developed with a one-story 85,141 square foot warehouse/manufacturing building with office spaces. Surrounding areas primarily consist of industrial, residential and commercial property (**Figure 2**).

Beyond the presence of a rail spur crossing the property up to 1914, initial property development occurred between 1953 and 1957 when a warehouse building was constructed on the site. The building was expanded with the addition of an L-shaped addition between 1984 and 1991. The Subject Site, used by Wheeling Corrugating Company to manufacture galvanized and painted corrugated steel roofing and siding material, is now vacant.

Conceptual site plans provided to URS in conjunction with this investigation indicate the existing structure will be razed and replaced with a public waste transfer station. Individual elements of the proposed future development include construction of a household hazardous waste facility in the northern portion of the property, a solid waste facility in the southern portion of the property and a stormwater retention pond on the eastern portion of the property (**Figure 3**).

1.2 PROJECT CHRONOLOGY

In May 2010, URS performed a Phase I ESA for the Site entirety in order aid the City of Minneapolis in evaluating the environmental deposition of the parcel.[1] URS' Phase I identified several areas of concern within and adjacent to parcel boundaries, primarily associated with soil and groundwater releases to upgradient properties and oily liquid and sediment observed in two on-site subsurface pits (**Figure 2**).

Based on the findings of the Phase I ESA the City of Minneapolis commissioned URS to conduct a Phase II ESA of the Subject Property. The Phase II ESA work plan included the advancement of 4 soil boring proximal to areas of potential environmental concerns, collection of soil and groundwater samples for quantitative analysis, and an asbestos and lead-based paint survey to assess the structure for hazardous materials prior to acquisition/renovation. Desiring to expand the investigation to include evaluation of areas of potential soil disturbance during future property redevelopment, project partner Hennepin County requested that URS collect additional soil data during a geotechnical investigation that was also planned for the facility.[2] The geotechnical investigation included the advancement of 19 standard penetration test borings at location specified by the facility design consultant LHB. Soil samples were collected for quantitative analysis from 10of the 19 geotechnical soil borings advanced at the property. All field activities (Phase II and geotechnical investigation) were performed at the Subject Site in August 2010.

[1] URS Corporation, *Phase I Environmental Site Assessment, Former Corrugating Company*, May 24, 2010.

[2] Hennepin County Environmental Services, Electronic mail message from John Evans (Hennepin County Environmental Services to Todd Renville (URS) requesting additional soil analysis during the pending geotechnical investigation, July 19, 2010.

2.1 DESCRIPTION OF PROJECT ACTIVITIES

A site-specific health and safety plan (HASP) was prepared prior to Phase II ESA field activities and reviewed by all field personnel engaged in fieldwork. A site safety briefing was conducted by URS with all subcontractors prior to onsite activities. Gopher State One Call was contacted in advance of drilling activities for the location and clearance of public utilities. Detailed field methods employed during this Phase II Investigation are presented in **Appendix A**.

Field activities were conducted in general conformance with the Scope of Work submitted to the City of Minneapolis. Individual soil boring locations were modified due to field conditions (limited access or conflicts with subsurface utilities). Site investigations began on August 19, 2010, with the implementation of the Phase II drilling program performed by Thein Well Company (Thein). URS personnel were on-site during all Phase II investigation activities to provide field oversight and perform soil and groundwater sampling.

The Phase II ESA investigation included the advancement of four environmental soil borings (GP1 through GP4) ranging in depth from 7 to 32 feet below grade (fbg). The existing site layout, presented as **Figure 2**, presents a site index for the location of soil borings completed during the Phase II investigation. This figure also depicts the locations of the nineteen geotechnical borings (B1 through B19) advanced by American Engineering Testing (AET) as part of geotechnical investigation.

Four soil samples (GP-1 through GP-4) and two groundwater samples (GP1-GW-32 and GP2-GW-28) were collected and submitted to Pace Analytical Services (Pace) for quantitative analysis the during Phase II investigation drilling program. An additional 10 soil samples were collected during the advancement of geotechnical investigation soil borings B1, B2, B4, B7, B-8, B10, B11, B12, B16 and B17. Soil samples collected for laboratory analysis were selected at intervals exhibiting the highest photo-ionization detector (PID) response or visual indication of impact (e.g., staining, debris, odor, etc.). Where no impacts were detected, samples were collected within proposed construction earthwork boundaries. Over the course of this investigation, target parameters included the following: Volatile Organic Compounds (VOC), using United States Environmental Protection Agency (EPA) Method 8260B; Gasoline Range Organics (GRO), using Wisconsin modified GRO Method; Diesel Range Organics (DRO), using Wisconsin Modified DRO Method; RCRA Metals, using EPA Method 6010/7470/7471; and PAHs, using EPA Method 8270C.

Minimal volumes of investigation derived waste (IDW) generated during drilling were thin-spread on-site in unpaved areas during the Phase II ESA.

Soil Boring Logs are presented in **Appendix B**. Laboratory analytical reports and associated chain-of-custody forms for soil and groundwater samples are presented in **Appendix C**.

3.1 SITE GEOLOGY AND HYDROGEOLOGY

Field observations made during subsurface investigations indicate the entirety of the subject site is underlain by fill of variable thickness. Fill was encountered in all soil borings and geotechnical subsurface investigations. Thickness of the fill material in the vicinity of the Household Hazardous Waste Facility ranged between 4.0 feet at geotechnical boring B4 and 8.0 feet at geotechnical borings B14 and B15 (**Figure 3**). Elevation depths of fill material ranged between 841.7 feet (ft) mean sea level (msl) to 849.4 ft msl.

Fill material across the site was predominately composed of light brown and brown silty sand, brown sand, light gray to brown gravelly silt and gravelly sand, and brown sand with silt. The consistency of the granular soils was loose to medium dense, resulting in good recoveries during extraction of drilling macro-core. Of note, a 3 to 4-inch thick layer of crushed limestone was encountered in geotechnical boring B-12 at approximately 0.3 fbg. Additionally, cinders and clinkers were identified approximately 0.7 fbg in geotechnical boring B9. A combination of glass, bituminous, and plastic was identified from 0 to 4 fbg in geotechnical boring B11. Trace brick debris was identified 0.5 fbg in geotechnical boring B7. During the geotechnical investigation, bituminous rubble was noted in borings B2 (0.3 fbg), B4 (0.2 fbg), and B18 (0.5 fbg). During the geotechnical investigation, concrete was noted in borings B3 (0.5 fbg), B16 (0.5 fbg), and B18 (0.2 fbg). Also during the geotechnical investigation, glass was noted in borings B7 (4 to 6 fbg) and B19 (1.2 fbg).

Sediment beneath the fill material consisted of coarse alluvial deposits that include fine to medium-grained sand, sand with silt, and gravelly sands. These observations correspond to the documented geologic history of the area describing the area as being underlain by Middle and Upper Terrace Deposits of the Pleistocene age. [3]

Saturated groundwater conditions were encountered during the advancement of two borings; GP1 at approximately 28 fbg and GP2 at approximately 26 fbg Although groundwater elevation contours were not established, a previous Phase I Environmental Site Assessment of the project area noted groundwater elevation data from a nearby remediation site appears to suggest that shallow groundwater flow fluctuates in the vicinity of the Subject Property and groundwater flow in the lower St. Peter Mudstone zone and Prairie du Chien is generally south.[1]

3.2 SOIL QUALITY

Analytical soil samples were collected and submitted for quantitative analysis during two phases of investigation. This includes the Phase II ESA drilling investigation implemented by URS on August 2, 2010 and the geotechnical investigation performed between August 16, 2010 and August 19, 2010. During Phase II activities, four soil samples and two groundwater sample were collected and submitted to Pace Analytical Services (Pace) for quantitative analysis. Ten soil samples were collected during the geotechnical investigation program to supplement environmental data in the proposed area of future development.

3.2.1 Phase II Drilling Investigation

Field PID response from soil samples collected during the soil boring program ranged from 0.0 to 1.3 parts per million (ppm) (**Table 1**). No hydrocarbon odors or visual indications of impacts were detected in any of the soil borings.

[3] Minnesota Geological Survey, Geologic Atlas of Hennepin County, 1989.

VOCs were detected above laboratory MDLs in one of the four soil samples submitted for analysis. Soil sample GP-1-4ft exhibited VOC detections of 1,2,3-trichlorobenzene (61.6 µg/kg) and 1,2,4-trichlorobenzene (102 µg/kg) (**Table 2, Figure 5**). All VOCs detected were reported at concentrations below established Tier 2 Industrial Soil Reference Values (SRV). No detections for GRO were reported above laboratory MDLs.

DRO was detected in above laboratory MDLs in one of the four soil samples submitted for quantitative analysis. Soil sample GP-2-12ft exhibited a DRO concentration of 10.9 mg/kg (**Table 2, Figure 3**).

PAH compounds were detected in all four samples submitted for quantitative analysis. Calculated BaP equivalents ranged from 0.002 to 0.093 mg/kg (**Table 2, Figure 3**), which do not exceed the Tier 2 Industrial SRV of 3 mg/kg.

Metals detections were ubiquitous across the area of investigation; however, detections for arsenic, barium, cadmium, chromium, lead and selenium were all reported at concentrations below the most conservative regulatory standards (**Table 2, Figure 3**). Mercury and silver were not detected above their respective MDLs in any of the four soil samples submitted for quantitative analysis. The MDLs for mercury and silver were also below applicable regulatory standards.

3.2.2 Geotechnical Investigations

A geotechnical program implemented by AET included 19 standard penetration test borings advanced between August 16 and August 19, 2010 at locations specified by Hennepin County (City of Minneapolis partner in project development). Geotechnical borings B1 through B19 are depicted on **Figures 3, 4, 5, and 7**. A URS field technician was on-site to collect soil samples for headspace readings throughout the geotechnical boring program specifically targeting soils between zero and ten fbg in areas of anticipated soil disturbance. A summary of field PID response for soils monitored during the geotechnical program is presented in **Table 1**. The highest PID response of 1.3 ppm was recorded for geotechnical boring B-6 at a depth of 10 feet below grade (fbg). Elevated PID responses in excess of 3.0 ppm background ranging from 12.7 to 9,999 ppm were also noted for geotechnical borings B1, B2, and B4; however, the elevated PID responses were attributed to excess moisture. No visual or olfactory indication of impact was noted during any of the geotechnical soil borings.

In addition to the collection of headspace samples, URS collected ten soil samples for quantitative analysis in areas of anticipated earthwork. The soil samples were collected from geotechnical borings B1, B2, B4, B7, B8, B10, B11, B12, B16, and B17 (**Figures 3, 4, and 5**). All samples collected were submitted to Pace Analytical Services (Pace) for analysis of VOCs, PAHs, DRO, and RCRA metals.

No detections for VOCs were reported above laboratory MDLs (**Table 3**). PAH compounds were detected in five of the ten samples collected during the geotechnical investigation: B2-5ft, B7-4ft, B8-4ft, B12-4ft, and B17-4ft. No PAH compounds were detected above Tier 2 Industrial SRVs. (**Table 3**). Soil samples B2-5ft, B7-4ft, B8-4ft, B12-4ft, and B17-4ft exhibited calculated benzo(a)pyrene (BaP) equivalents of 0.001, 0.123, 0.000, 0.090, and 0.000 mg/kg, respectively. The Tier 2 Industrial SRV of 3 mg/kg for BaP equivalents was not exceeded by any of the soil samples.

DRO was detected in two of the ten soil samples at concentrations ranging from 10.8 to 11.2 mg/kg (**Table 3**). No soil samples exceeded the MPCA PRP action level of 50 mg/kg in granular soils.

Arsenic (ranging from 2.0 to 6.5 mg/kg), barium (ranging from 23.7 to 48.1 mg/kg), cadmium (ranging from 0.24 to 0.58 mg/kg), chromium (ranging from 3.4 to 10.8 mg/kg) and lead ranging from 2.8 to 25 mg/kg) were detected above method detection limits in the ten soil samples submitted for quantitative analysis during the geotechnical drilling program (**Table 3**). Each arsenic, barium, cadmium, chromium,

and lead detection was reported at a concentration below corresponding regulatory standards and within the range of naturally occurring background concentrations for the region. Soil samples B2-5ft, B7-4ft, and B12-4ft exhibited mercury detections of 0.48, 0.025, and 0.044 mg/kg, respectively. The mercury concentration in B2-5ft is above background concentrations for the region; however, all mercury detections are below the Tier 2 Industrial SRV of 1.5 mg/kg (**Table 3**). Selenium was detected in seven of the ten soil samples at concentrations ranging from 0.63 to 1.3 mg/kg. The 1.3 mg/kg detection in soil boring B1-5ft is above background concentrations for the region; however, all selenium detections are below the Tier 2 Industrial SRV of 1,300 mg/kg. Silver was not detected in any of the ten soil samples

3.3 GROUNDWATER QUALITY

Groundwater samples were collected from boring GP1 (GP1-GW-32ft) and GP2 (GP2-GW-28ft) advanced during the Phase II ESA and submitted for quantitative analysis of VOCs, SVOCs, DRO, GRO, and RCRA metals. Laboratory analytical results for groundwater are summarized on **Table 4** and shown on **Figure 6**. SVOC constituents, as well as GRO and DRO, were not detected in either sample above laboratory MDLS. Trichloroethene (TCE) was detected at a concentration of 5.8 µg/L in GP1-GW-32ft, above the Minnesota Department of Health (MDH) Health Risk Limit (HRL) of 5.0 µg/L.[4] Dissolved metals, including barium and selenium, were detected in both groundwater samples above laboratory MDLs. Groundwater concentrations of barium (42.2 µg/L in GP1-GW-32ft and 45.9 µg/L in GP2-GW-28ft) were both below the corresponding MDH HRL of 2,000 mg/L. Groundwater concentrations of selenium were 16.2 µg/L in GP1-GW-32ft and 18.6 µg/L in GP2-GW-28ft, both below the corresponding MDH HRL of 30 mg/L (**Table 6**).

[4] Minnesota Department of Health; *Groundwater Health Risk Limits.*

The City of Minneapolis has initiated a Phase II ESA at the Former Wheeling Corrugating Company facility, located at 340 27th Avenue Northeast, Minneapolis, Minnesota, in advance of a potential acquisition and redevelopment of this land parcel. This document summarizes the findings of this investigative work. A summary of known site conditions by media (soil, groundwater and waste) resulting from recent and historic site investigation is provided below:

4.1 SOIL

Recent site investigation did not reveal significant findings related to soil impacts beneath the Subject Property. Findings derived from August 2010 investigative work suggests that known soil impacts are low in magnitude and do not present an elevated risk to public health or the environment in the context of the MPCA's risk-based evaluation program. While a broad suite of metals, multiple PAH constituents and DRO were detected in soil beneath the Subject Site, none of these compounds or elements were detected at levels exceeding exceeding applicable regulatory criteria.

4.2 GROUNDWATER

Two groundwater samples were collected by URS during Phase II activities was were analyzed for DRO, GRO, VOCs, SVOCs, and RCRA metals. GRO, SVOCs, DRO, and RCRA metals were not detected in groundwater above applicable MDH HRLs and/or MCLs during this investigation. Trichloroethene was detected at a concentration of 5.8 µg/l, slightly exceeding the MDH HRL of 5 µg/l. While the origin of this TCE detection is unknown and possibly emanates from an on-site source, an off-site source may be responsible given the industrial nature of the project area.

4.3 WASTE

Available documentation pertaining to buried/surface debris beneath the Subject Site suggests this material can be predominantly characterized as demolition debris (concrete, brick and bituminous rubble) and solid waste (glass and plastic). Poor quality fill exhibiting debris content that may require specialized management during future site redevelopment was limited to near-surface cinders and clinkers noted at geotechnical boring B9. The occurrence of debris within the fill was identified in two areas, does not reveal a consistent pattern across the site and [discuss geographic distribution]. **Figure 7** illustrates known debris areas beneath the northern parcel.

4.4 RECOMMENDATIONS

Based on the information presented above, site data derived from the recent Phase II investigation appears to have adequately characterized site conditions. No further investigation appears to be warranted prior to the initiation of site development.

While this assessment revealed minor areas of subsurface impact, URS recommends that a Construction Contingency Plan (CCP) be developed prior to the initiation of site development. In addition to common earth moving activity associated with building and utility construction, geotechnical investigation identified loose fill areas potentially requiring complete excavation and re-compaction. These broader areas of earth disturbance may encounter limited areas of impact that were otherwise not detected during the Phase II Investigation. Should unknown conditions be encountered, the CCP would guide construction crews in the immediate management of this material until further evaluation by the City was performed.

Finally, limited detail was provided on the nature of construction earthwork associated with site redevelopment. Should fill material require export during future re-development, URS recommends the City perform this action in accordance with the MPCA's "Best Management Practices for the Offsite Reuse of Fill from Development Sites."

The data generated and conclusions provided are based upon the scope of work performed. All work was conducted in a manner consistent with customary principles in the fields of science and engineering. URS Corporation is not responsible for the independent conclusions, opinions, or recommendations made by others based on the data presented in this report.

The results reported and any opinions reached by URS are for the benefit of the client and unless agreed to by URS in writing, are not to be disclosed to or relied upon by any third party. The results and opinions set forth by URS in this report will be valid as of the date of the report. URS assumes no obligation to advise you of any changes that may be later brought to our attention.

The preceding report was prepared by the following URS personnel.

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Table 1 - PID Field Screening Results
340 27th Avenue NE; Minneapolis, MN
Phase II Drilling Investigation
City of Minneapolis

Geotechnical Borings

Boring	B-11	B-17	B-8	B-10	B-7	B-16	B-12	B-4*	B-2*	B-1*	B-6	B-13	B-5	B-15	B-3	B-14
Depth (ft)																
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**3750**	**131**	**12.7**	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**3847**	**9999**	**28.3**	0.0	0.0	0.0	0.0	0.0	0.2
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**9999**	**459**	**10.4**	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1706**	**3672**	**51.1**	0.1	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**830**	**9999**	**440**	1.3	0.0	0.0	0.0	0.0	0.0

Phase II ESA Borings

Boring	GP-1	GP-2	GP-3	GP-4
Depth (ft)				
2	0.3	0.4	0.3	0.0
4	0.3	0.3	0.3	0.0
6	0.2	0.4	0.3	0.2
8	0.3	0.3	0.3	0.2
10	0.3	--		
12	0.2	0.7		
14	0.3	0.3		
16	0.3	0.4		
18	0.4	0.3		
20	0.3	0.3		
22		--		
24		0.4		
26		0.4		
28		0.4		

Notes: Photo-ionization Detector (PID) readings measured using a MiniRAE 2000 (11.7 eV) calibrated to 100 ppm isobutylene.
Readings are in parts per million (ppm) and are the highest of open-air and headspace measurements.
--- = No measurement collected
Bold font indicates a PID reading greater than 3.0 ppm (background).
* PID appeared to be operating inaccurately during these borings. Elevated readings attributed to excess moisture.

Table 2 - Laboratory Analysis (Soil)
340 27th Avenue NE; Minneapolis, MN
Phase II Drilling Investigation
City of Minneapolis

Location	Units	GP-1-4ft	GP-2-12ft	GP-3-8ft	GP-4-7ft	Tier 2 SRV Industrial	Tier 1 SLV	Background Concentrations
Sample Date		8/2/2010	8/2/2010	8/2/2010	8/2/2010			
Depth	(feet)	4	12	8	7			
PID	(ppm)	0.3	0.7	0.3	0.2			
ORGANICS								
Volatile Organic Compounds								
1,2,3-Trichlorobenzene	(µg/kg)	**61.6**	<52.1	<53.5	<53.9	NL	NL	
1,2,4-Trichlorobenzene	(µg/kg)	**102**	<52.1	<53.5	<53.9	985,000	310	
Polycyclic Aromatic Hydrocarbons								
Benzo(a)anthracene	(µg/kg)	**11.8**	**74.5**	**14.4**	**11.4**	Inc.	Inc.	
Benzo(a)pyrene	(µg/kg)	<10.4	**53.6**	<10.4	<10.3	Inc.	Inc.	
Benzo(b)fluoranthene	(µg/kg)	**15.5**	**119**	**15.7**	**12.1**	Inc.	Inc.	
Benzo(ghi)perylene	(µg/kg)	<10.4	**84.9**	<10.4	<10.3	NL	NL	
Benzo[a]pyrene Equivalent [(a)]	(mg/kg)	**0.003**	**0.093**	**0.003**	**0.002**	3	10.2	
Chrysene	(µg/kg)	<10.4	**48.5**	<10.4	<10.3	Inc.	Inc.	
Dibenz(a,h)anthracene	(µg/kg)	<10.4	**26.1**	<10.4	<10.3	Inc.	Inc.	
Fluoranthene	(µg/kg)	<10.4	**97.6**	**11.6**	<10.3	6,800,000	295,000	
Indeno(1,2,3-cd)pyrene	(µg/kg)	<10.4	**44.3**	<10.4	<10.3	Inc.	Inc.	
Phenanthrene	(µg/kg)	<10.4	**50**	<10.4	<10.3	NL	NL	
Pyrene	(µg/kg)	<10.4	**101**	**11.2**	<10.3	5,800,000	272,000	
WI DRO	(mg/kg)	<8.5	**10.9**	<8.5	<8.3	NL	NL	
WI GRO	(mg/kg)	<5.2	<5.2	<5.0	<4.9	NL	NL	
METALS								
Arsenic	(mg/kg)	**3.4**	**7.0**	**2.7**	**2.9**	20	15.1	4.7-5.4
Barium	(mg/kg)	**26.7**	**41.3**	**33.3**	**34**	18,000	842	515-698
Cadmium	(mg/kg)	<0.041	**0.62**	**0.38**	**0.33**	200	4.4	NL
Chromium (Total)	(mg/kg)	**4.2**	**11.1**	**5.5**	**6.8**	650 [(2)]	18 [(2)]	33-45
Lead	(mg/kg)	**3.3**	**27.4**	**5.9**	**4.4**	700	525	10.9-13.1
Selenium	(mg/kg)	<0.62	**1.3**	**1.0**	**0.99**	1,300	1.5	0.27-0.49

NOTES: Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
<x = Not detected to method detection limits of x
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
µg/kg = Micrograms per kilogram, equivalent to parts per billion (ppb)
(a) = Benzo[a]pyrene Equivalent (BAP) calculated using MPCA risk-tier1srv table; only for those parameters detected
(1) = Sand Soil Action Levels in MPCA's Petroleum Remediation Program Guidance Document 3-01(9/08 version)
(2) = Value is for Chromium VI
NL = No listed standard
Inc. = Included in the BaP equivalent tabulation.
Background Concentration = Background Geochemistry of Rocks and Soils in the Conterminous United States (USGS Prof. Paper 1648)
Tier 1 Residential SRV =Tier 1 Residential Soil Reference Value as established by the Minnesota Pollution Control Agency (6/09 version).
Tier 1 SLV =Tier 1 Soil Leaching Value as established by the Minnesota Pollution Control Agency (6/05 version).
Tier 2 Industrial SRV =Tier 2 Industrial Soil Reference Value as established by the Minnesota Pollution Control Agency (6/09 version).
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method

Table 3 - Laboratory Analytical Results (Geotechnical Investigation)
340 27th Avenue NE; Minneapolis, MN
Phase II Drilling Investigation
City of Minneapolis

Location	Units	B1-5ft	B10-4ft	B11-5ft	B12-4ft	B16-4ft	B17-4ft	B2-5ft	B4-5ft	B7-4ft	B8-4ft	Tier 2 SRV Industrial	Tier 1 SLV	Background Concentration
Sample Date		8/18/10	8/16/10	8/16/10	8/16/10	8/16/10	8/16/10	8/18/10	8/18/10	8/16/10	8/16/10			
ORGANICS														
VOCs	(mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL	NL	
SVOCs/PAHs														
Acenaphthylene	(mg/kg)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.01**	<0.01	NL	NL	
Anthracene	(mg/kg)	<0.01	<0.01	<0.01	**0.02**	<0.01	<0.01	<0.01	<0.01	**0.02**	<0.01	45,400	942	
Benzo(a)anthracene	(mg/kg)	<0.01	<0.01	<0.01	**0.08**	<0.01	<0.01	<0.01	<0.01	**0.12**	<0.01	Inc.	Inc.	
Benzo(a)pyrene	(mg/kg)	<0.01	<0.01	<0.01	**0.07**	<0.01	<0.01	<0.01	<0.01	**0.09**	<0.01	Inc.	Inc.	
Benzo(b)fluoranthene	(mg/kg)	<0.01	<0.01	<0.01	**0.11**	<0.01	<0.01	**0.01**	<0.01	**0.15**	<0.01	Inc.	Inc.	
Benzo(ghi)perylene	(mg/kg)	<0.01	<0.01	<0.01	**0.04**	<0.01	<0.01	<12.4	<0.01	**0.05**	<0.01	NL	NL	
Benzo(k)fluoranthene	(mg/kg)	<0.01	<0.01	<0.01	**0.04**	<0.01	<0.01	<12.4	<0.01	**0.06**	<0.01	Inc.	Inc.	
Benzo[a]pyrene Equivalent (a)	(mg/kg)	0.0	0.0	0.0	**0.09**	0.0	0.0	**0.001**	0.0	**0.123**	0.0	3	10.2	
Chrysene	(mg/kg)	<0.01	<0.01	<0.01	**0.06**	<0.01	<0.01	<0.01	<0.01	**0.1**	<0.01	Inc.	Inc.	
Fluoranthene	(mg/kg)	<0.01	<0.01	<0.01	**0.11**	<0.01	**0.01**	<0.01	<0.01	**0.16**	<0.01	6,800	295	
Indeno(1,2,3-cd)pyrene	(mg/kg)	<0.01	<0.01	<0.01	**0.03**	<0.01	<0.01	<0.01	<0.01	**0.05**	<0.01	Inc.	Inc.	
Phenanthrene	(mg/kg)	<0.01	<0.01	<0.01	**0.06**	<0.01	<0.01	<0.01	<0.01	**0.07**	<0.01	NL	NL	
Pyrene	(mg/kg)	<0.01	<0.01	<0.01	**0.12**	<0.01	**0.01**	**0.02**	<10.6	**0.2**	<0.01	5,800	272	
WI DRO	(mg/kg)	<8.3	<9.0	<8.5	<8.4	<8.5	<8.6	<10.2	<8.4	**11.2**	**10.8**	NL	NL	
METALS														
Arsenic	(mg/kg)	**6.5**	**2**	**2.6**	**3.8**	**2.1**	**3**	**3.4**	**3.1**	**3**	**2.4**	20	15.1	4.7-5.4
Barium	(mg/kg)	**23.7**	**26.4**	**26.3**	**30.2**	**32.7**	**38.5**	**48.1**	**38.5**	**46**	**37**	18,000	842	515-698
Cadmium	(mg/kg)	**0.58**	**0.26**	**0.34**	**0.24**	**0.32**	**0.33**	**0.49**	**0.35**	**0.48**	**0.32**	200	4.4	NL
Chromium (Total)	(mg/kg)	**10.8**	**3.4**	**4.7**	**5.1**	**3.7**	**6.4**	**5.7**	**6.0**	**4.9**	**4.8**	650 (2)	18 (2)	33-45
Lead	(mg/kg)	**3.7**	**2.8**	**11.9**	**11.1**	**3.4**	**4.3**	**6.3**	**5.3**	**25**	**3.4**	700	525	10.9-13.1
Mercury	(mg/kg)	<0.019	<0.020	<0.019	**0.044**	<0.018	<0.020	**0.48**	<0.018	**0.025**	<0.018	1.5	1.6	0.05 - 0.065
Selenium	(mg/kg)	**1.3**	<0.62	**0.68**	<0.73	**0.69**	**0.74**	**0.86**	**0.84**	<0.73	**0.63**	1,300	1.5	0.27-0.49
Silver	(mg/kg)	<0.41	<0.42	<0.40	<0.49	<0.42	<0.41	<0.53	<0.42	<0.49	<0.41	1,300	3.9	NL

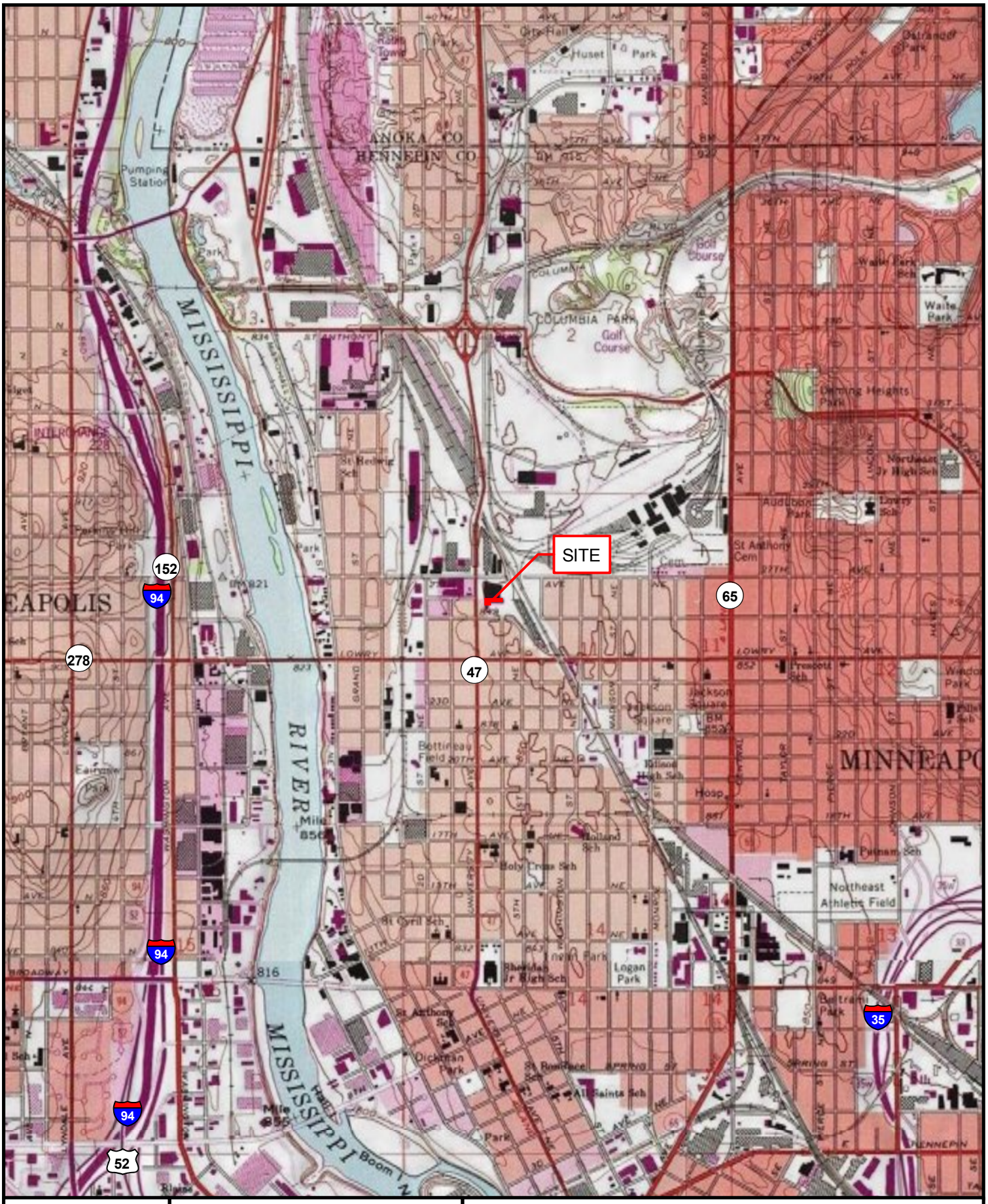
NOTES:

Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
Values in **bold** are above corresponding MPCA Tier 2 Industrial SRV
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
--- = Not analyzed
<x = Not detected to method detection limits of x
(1) = Value is for Xylenes (mixed)
(2) = Benzo[a]pyrene Equivalent (BAP) calculated using MPCA risk-tier1srv table; only for those parameters detected
(3) = Value is for Chromium VI
Inc. = Included in the BaP equivalent tabulation.
ND = No compounds detected above laboratory method detection limits.
NL = No listed standard
Background Concentration = Background Geochemistry of Rocks and Soils in the Conterminous United States (USGS Prof. Paper 1648)
Benzo[a]pyrene Equivalent (BAP) calculated using MPCA risk-tier1srv table; only for those parameters detected
* Sand Soil Action Levels in MPCA's Petroleum Remediation Program Guidance Document 3-01(9/08 version)
Tier 1 Residential SRV =Tier 1 Residential Soil Reference Value as established by the Minnesota Pollution Control Agency (6/09 version).
Tier 1 SLV =Tier 1 Soil Leaching Value as established by the Minnesota Pollution Control Agency (6/05 version).
Tier 2 Industrial SRV =Tier 2 Industrial Soil Reference Value as established by the Minnesota Pollution Control Agency (6/09 version).
WI DRO = Diesel range organics by the Wisconsin Modified Method

Table 4 - Laboratory Analysis (Groundwater)
340 27th Avenue NE; Minneapolis, MN
Phase II Drilling Investigation
City of Minneapolis

LOCATION	Units	GP1-GW-32 ft	GP2-GW-28 ft	MDH HRL	MDH HBV	EPA MCL
Sample Date		8/2/2010	8/2/2010			
ORGANICS						
VOCs						
Trichloroethene	µg/L	**5.8**	<1.0	5	NL	5
SVOCs	µg/L	ND	ND	NL	NL	NL
WI DRO	µg/L	<0.10	<0.10	NL	200 (1)	NL
WI GRO	µg/L	<100	<100	NL	200 (1)	NL
METALS						
Arsenic	µg/L	<10.0	<10.0	NL	NL	10.000
Barium	µg/L	**42.2**	**45.9**	2,000	NL	2,000
Cadmium	µg/L	<1.0	<1.0	4	NL	5
Chromium (Total)	µg/L	<10.0	<10.0	100 (2)	NL	100
Lead	µg/L	<3.0	<3.0	NL	NL	0.015
Selenium	µg/L	**16.2**	**18.6**	30	NL	50
Silver	µg/L	<10.0	<10.0	30.000	NL	NL
Mercury	µg/L	<0.20	<0.20	NL	NL	2

NOTES: Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
Values in **bold** are above the applicable standard
* = Mixture of Xylene isomers o,m,p
(1) = Total Petroleum Hydrocarbons
(2) = Chromium IV
<x = Not detected to method detection limits of x
µg/L = Micrograms per liter, equivalent to parts per billion (ppb)
HRL = MDH Health Risk Limit (promulgated in 1993/1994)
HBV = MDH Health Based Value (non-regulatory toxilogical value as of 07/24/2006)
MCL = US EPA Maximum Contaminant Level for drinking water
MDH = Minnesota Department of Health
ND = Constituents were not detected above laboratory method detection limits
NL = No listed standard
SVOC = Semi-volatile organic compounds by EPA method 8270C
VOC = Volatile organic compounds by EPA method 8260B
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method



2,000

Feet

Source:
USGS Minneapolis
North, MN. Quad
dated 1993

URS

FIGURE 1 - SITE LOCATION MAP
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	1

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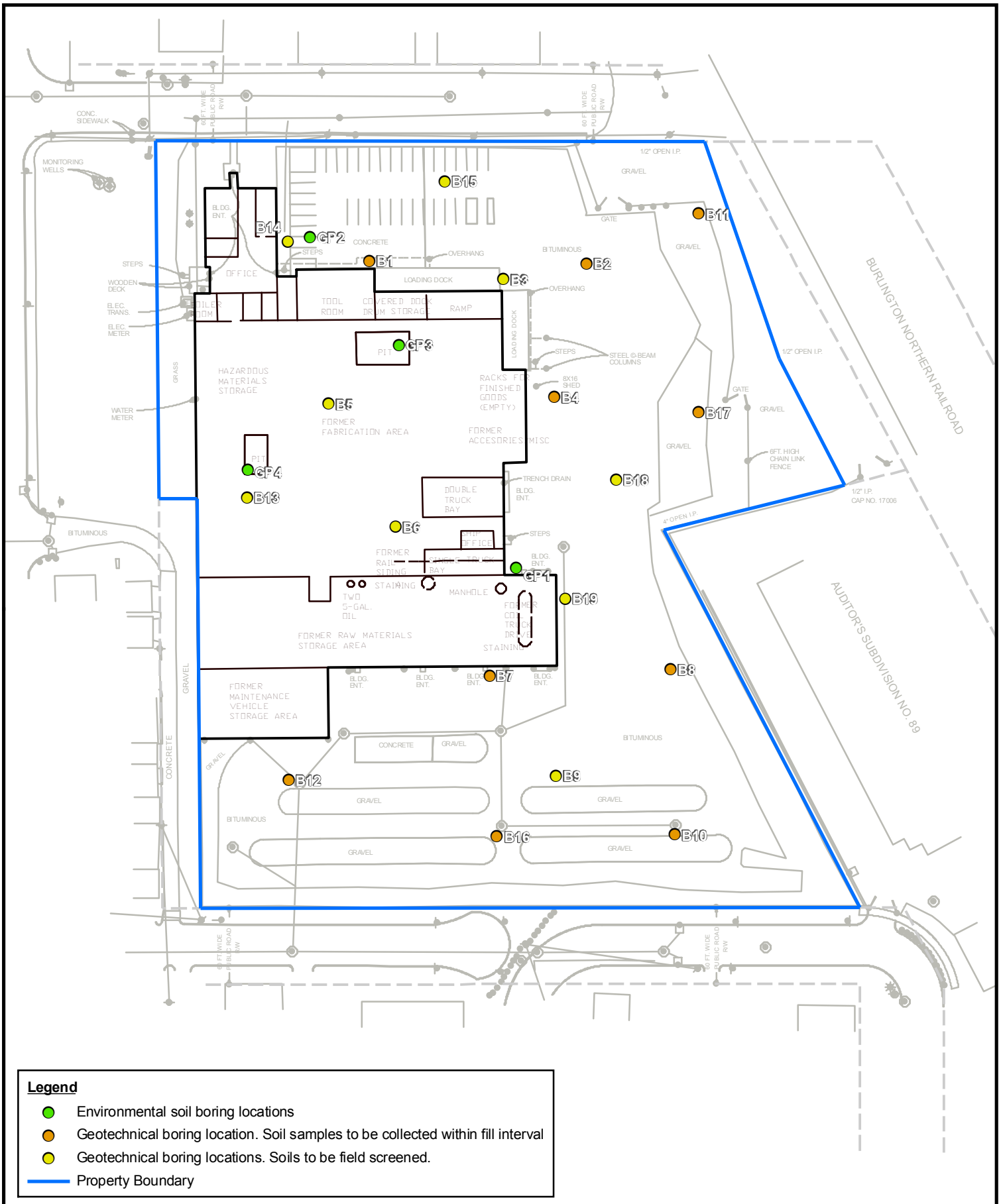

Legend

- Environmental soil boring locations
- Geotechnical boring location. Soil samples to be collected within fill interval
- Geotechnical boring locations. Soils to be field screened.
- Property Boundary

100

Feet

Source:
Aerial Express
ECW Image
dated 2009

URS

FIGURE 2 - BORING LOCATION MAP
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	2

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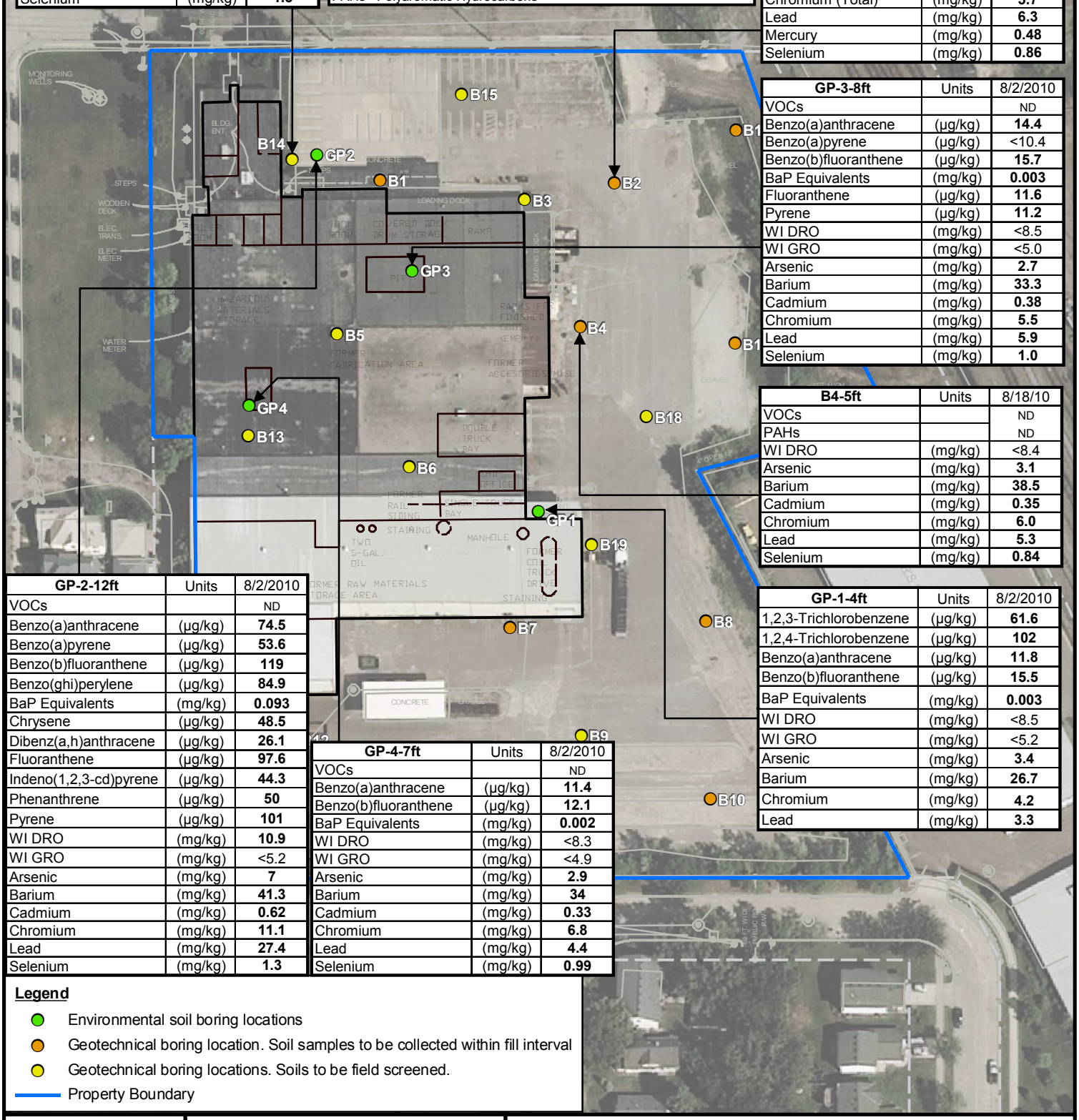
B1-5ft	Units	8/18/10
VOCs		ND
PAHs		ND
WI DRO	(mg/kg)	<8.3
Arsenic	(mg/kg)	**6.5**
Barium	(mg/kg)	**23.7**
Cadmium	(mg/kg)	**0.58**
Chromium	(mg/kg)	**10.8**
Lead	(mg/kg)	**3.7**
Selenium	(mg/kg)	**1.3**

NOTES:

Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
<x = Not detected to method detection limits of x
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
µg/kg = Micrograms per kilogram, equivalent to parts per billion (ppb)
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method
VOCs= Volatile Organic Compounds
PAHs= Polyaromatic Hydrocarbons

B2-5ft	Units	8/18/10
VOCs		ND
Benzo(b)fluoranthene	(mg/kg)	**0.01**
BaP Equivalents	(mg/kg)	**0.001**
Pyrene	(mg/kg)	**0.02**
WI DRO	(mg/kg)	<10.2
Arsenic	(mg/kg)	**3.4**
Barium	(mg/kg)	**48.1**
Cadmium	(mg/kg)	**0.49**
Chromium (Total)	(mg/kg)	**5.7**
Lead	(mg/kg)	**6.3**
Mercury	(mg/kg)	**0.48**
Selenium	(mg/kg)	**0.86**



GP-3-8ft	Units	8/2/2010
VOCs		ND
Benzo(a)anthracene	(µg/kg)	**14.4**
Benzo(a)pyrene	(µg/kg)	<10.4
Benzo(b)fluoranthene	(µg/kg)	**15.7**
BaP Equivalents	(mg/kg)	**0.003**
Fluoranthene	(µg/kg)	**11.6**
Pyrene	(µg/kg)	**11.2**
WI DRO	(mg/kg)	<8.5
WI GRO	(mg/kg)	<5.0
Arsenic	(mg/kg)	**2.7**
Barium	(mg/kg)	**33.3**
Cadmium	(mg/kg)	**0.38**
Chromium	(mg/kg)	**5.5**
Lead	(mg/kg)	**5.9**
Selenium	(mg/kg)	**1.0**

B4-5ft	Units	8/18/10
VOCs		ND
PAHs		ND
WI DRO	(mg/kg)	<8.4
Arsenic	(mg/kg)	**3.1**
Barium	(mg/kg)	**38.5**
Cadmium	(mg/kg)	**0.35**
Chromium	(mg/kg)	**6.0**
Lead	(mg/kg)	**5.3**
Selenium	(mg/kg)	**0.84**

GP-2-12ft	Units	8/2/2010
VOCs		ND
Benzo(a)anthracene	(µg/kg)	**74.5**
Benzo(a)pyrene	(µg/kg)	**53.6**
Benzo(b)fluoranthene	(µg/kg)	**119**
Benzo(ghi)perylene	(µg/kg)	**84.9**
BaP Equivalents	(mg/kg)	**0.093**
Chrysene	(µg/kg)	**48.5**
Dibenz(a,h)anthracene	(µg/kg)	**26.1**
Fluoranthene	(µg/kg)	**97.6**
Indeno(1,2,3-cd)pyrene	(µg/kg)	**44.3**
Phenanthrene	(µg/kg)	**50**
Pyrene	(µg/kg)	**101**
WI DRO	(mg/kg)	**10.9**
WI GRO	(mg/kg)	<5.2
Arsenic	(mg/kg)	**7**
Barium	(mg/kg)	**41.3**
Cadmium	(mg/kg)	**0.62**
Chromium	(mg/kg)	**11.1**
Lead	(mg/kg)	**27.4**
Selenium	(mg/kg)	**1.3**

GP-4-7ft	Units	8/2/2010
VOCs		ND
Benzo(a)anthracene	(µg/kg)	**11.4**
Benzo(b)fluoranthene	(µg/kg)	**12.1**
BaP Equivalents	(mg/kg)	**0.002**
WI DRO	(mg/kg)	<8.3
WI GRO	(mg/kg)	<4.9
Arsenic	(mg/kg)	**2.9**
Barium	(mg/kg)	**34**
Cadmium	(mg/kg)	**0.33**
Chromium	(mg/kg)	**6.8**
Lead	(mg/kg)	**4.4**
Selenium	(mg/kg)	**0.99**

GP-1-4ft	Units	8/2/2010
1,2,3-Trichlorobenzene	(µg/kg)	**61.6**
1,2,4-Trichlorobenzene	(µg/kg)	**102**
Benzo(a)anthracene	(µg/kg)	**11.8**
Benzo(b)fluoranthene	(µg/kg)	**15.5**
BaP Equivalents	(mg/kg)	**0.003**
WI DRO	(mg/kg)	<8.5
WI GRO	(mg/kg)	<5.2
Arsenic	(mg/kg)	**3.4**
Barium	(mg/kg)	**26.7**
Chromium	(mg/kg)	**4.2**
Lead	(mg/kg)	**3.3**

Legend

- Environmental soil boring locations
- Geotechnical boring location. Soil samples to be collected within fill interval
- Geotechnical boring locations. Soils to be field screened.
- Property Boundary

100
Feet

Source:
Aerial Express
ECW Image
dated 2009

FIGURE 3 - ANALYTICAL DETECTIONS HHW FACILITY
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

URS

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
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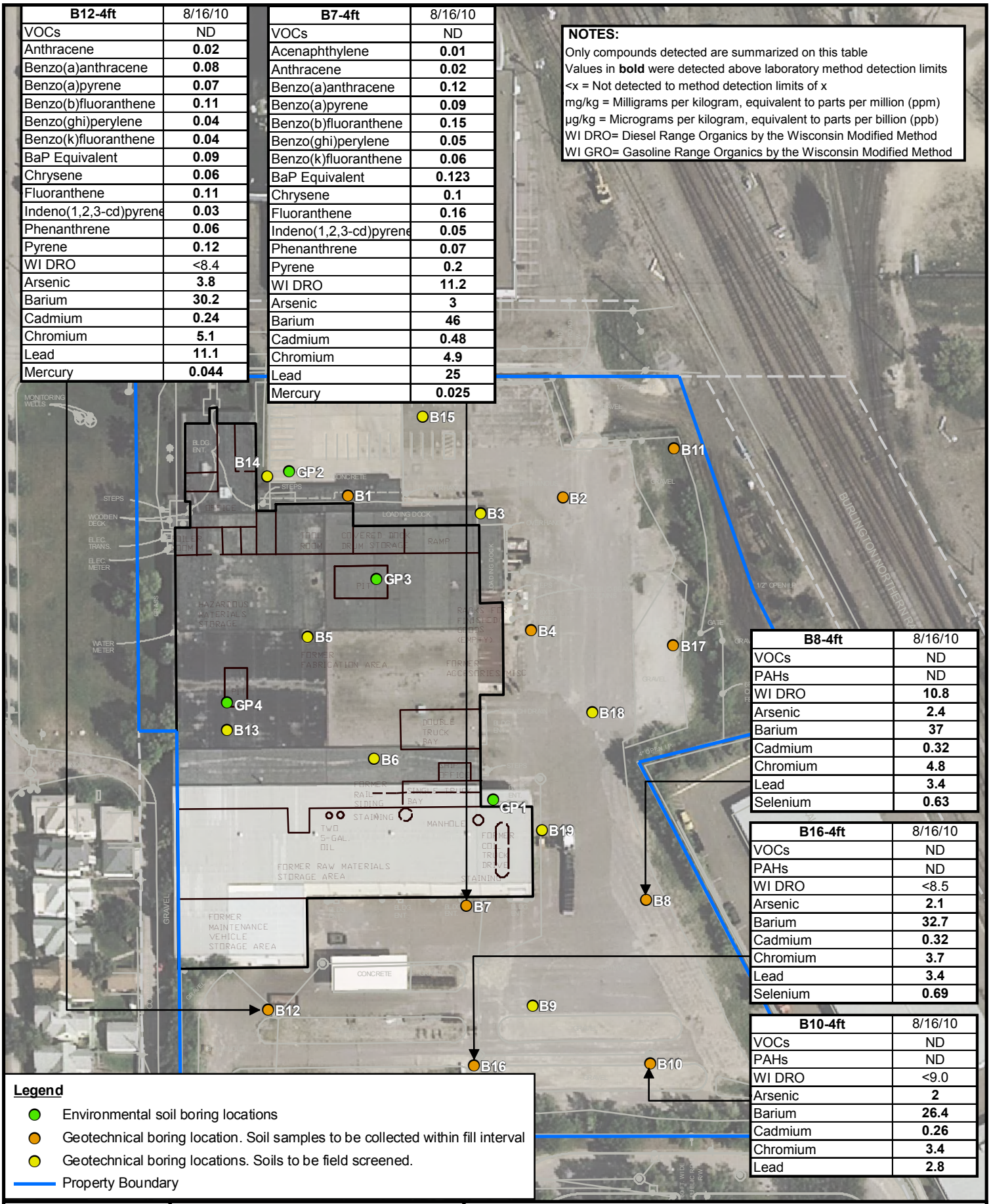
B12-4ft	8/16/10
VOCs	ND
Anthracene	**0.02**
Benzo(a)anthracene	**0.08**
Benzo(a)pyrene	**0.07**
Benzo(b)fluoranthene	**0.11**
Benzo(ghi)perylene	**0.04**
Benzo(k)fluoranthene	**0.04**
BaP Equivalent	**0.09**
Chrysene	**0.06**
Fluoranthene	**0.11**
Indeno(1,2,3-cd)pyrene	**0.03**
Phenanthrene	**0.06**
Pyrene	**0.12**
WI DRO	<8.4
Arsenic	**3.8**
Barium	**30.2**
Cadmium	**0.24**
Chromium	**5.1**
Lead	**11.1**
Mercury	**0.044**

B7-4ft	8/16/10
VOCs	ND
Acenaphthylene	**0.01**
Anthracene	**0.02**
Benzo(a)anthracene	**0.12**
Benzo(a)pyrene	**0.09**
Benzo(b)fluoranthene	**0.15**
Benzo(ghi)perylene	**0.05**
Benzo(k)fluoranthene	**0.06**
BaP Equivalent	**0.123**
Chrysene	**0.1**
Fluoranthene	**0.16**
Indeno(1,2,3-cd)pyrene	**0.05**
Phenanthrene	**0.07**
Pyrene	**0.2**
WI DRO	**11.2**
Arsenic	**3**
Barium	**46**
Cadmium	**0.48**
Chromium	**4.9**
Lead	**25**
Mercury	**0.025**

NOTES:
Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
<x = Not detected to method detection limits of x
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
µg/kg = Micrograms per kilogram, equivalent to parts per billion (ppb)
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method



B8-4ft	8/16/10
VOCs	ND
PAHs	ND
WI DRO	**10.8**
Arsenic	**2.4**
Barium	**37**
Cadmium	**0.32**
Chromium	**4.8**
Lead	**3.4**
Selenium	**0.63**

B16-4ft	8/16/10
VOCs	ND
PAHs	ND
WI DRO	<8.5
Arsenic	**2.1**
Barium	**32.7**
Cadmium	**0.32**
Chromium	**3.7**
Lead	**3.4**
Selenium	**0.69**

B10-4ft	8/16/10
VOCs	ND
PAHs	ND
WI DRO	<9.0
Arsenic	**2**
Barium	**26.4**
Cadmium	**0.26**
Chromium	**3.4**
Lead	**2.8**

Legend
- Environmental soil boring locations
- Geotechnical boring location. Soil samples to be collected within fill interval
- Geotechnical boring locations. Soils to be field screened.
- Property Boundary

100
Feet

Source:
Aerial Express
ECW Image
dated 2009

FIGURE 4 - ANALYTICAL DETECTIONS SOLID WASTE FACILITY
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

URS
Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
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612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	4

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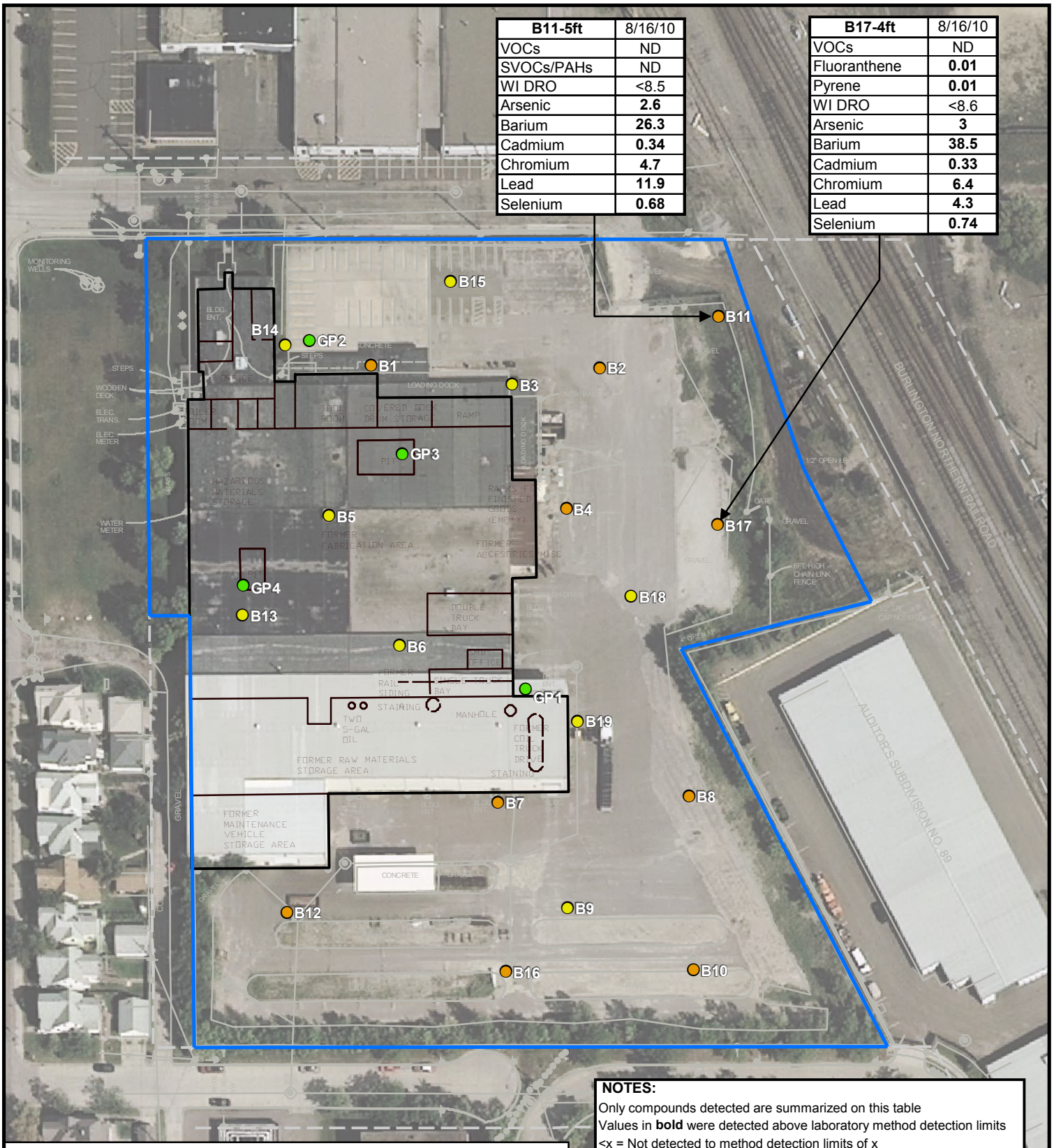
B11-5ft	8/16/10
VOCs	ND
SVOCs/PAHs	ND
WI DRO	<8.5
Arsenic	**2.6**
Barium	**26.3**
Cadmium	**0.34**
Chromium	**4.7**
Lead	**11.9**
Selenium	**0.68**

B17-4ft	8/16/10
VOCs	ND
Fluoranthene	**0.01**
Pyrene	**0.01**
WI DRO	<8.6
Arsenic	**3**
Barium	**38.5**
Cadmium	**0.33**
Chromium	**6.4**
Lead	**4.3**
Selenium	**0.74**



NOTES:

Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
<x = Not detected to method detection limits of x
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
µg/kg = Micrograms per kilogram, equivalent to parts per billion (ppb)
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method
VOCs= Volatile Organic Compounds
PAHs= Polyaromatic Hydrocarbons

Legend

- Environmental soil boring locations
- Geotechnical boring location. Soil samples to be collected within fill interval
- Geotechnical boring locations. Soils to be field screened.
- Property Boundary

100
Feet

Source:
Aerial Express
ECW Image
dated 2009

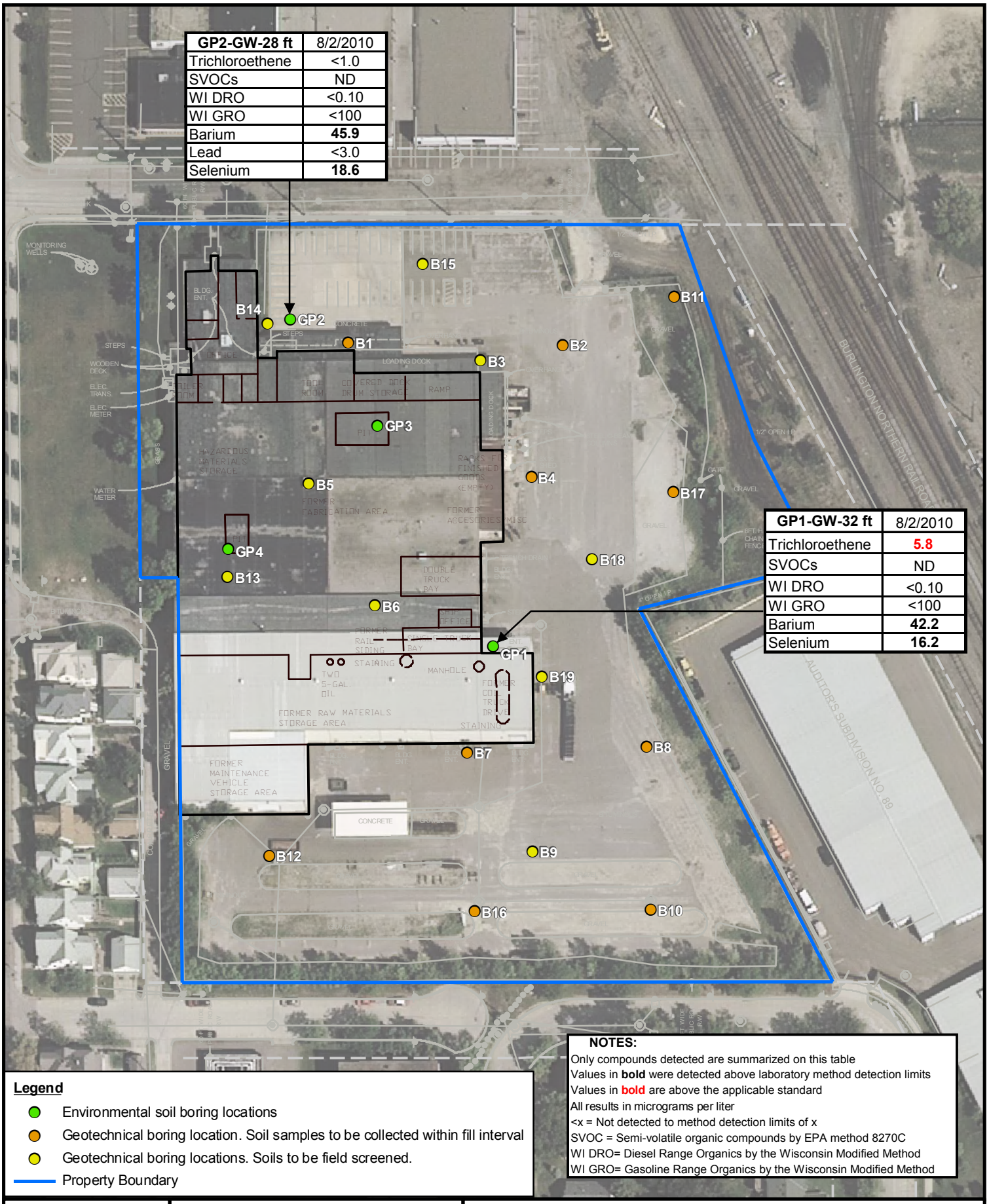
FIGURE 5 - ANALYTICAL DETECTIONS STORMWATER POND
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

URS

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	5

Date Printed: Tuesday, September 21, 2010; File Name: Q:\31810829\06_GIS\Projects\Figure5.mxd; Author: tim_schutz



GP2-GW-28 ft	8/2/2010
Trichloroethene	<1.0
SVOCs	ND
WI DRO	<0.10
WI GRO	<100
Barium	**45.9**
Lead	<3.0
Selenium	**18.6**

GP1-GW-32 ft	8/2/2010
Trichloroethene	**5.8**
SVOCs	ND
WI DRO	<0.10
WI GRO	<100
Barium	**42.2**
Selenium	**16.2**

NOTES:

Only compounds detected are summarized on this table
Values in **bold** were detected above laboratory method detection limits
Values in **bold** are above the applicable standard
All results in micrograms per liter
<x = Not detected to method detection limits of x
SVOC = Semi-volatile organic compounds by EPA method 8270C
WI DRO= Diesel Range Organics by the Wisconsin Modified Method
WI GRO= Gasoline Range Organics by the Wisconsin Modified Method

Legend

- Environmental soil boring locations
- Geotechnical boring location. Soil samples to be collected within fill interval
- Geotechnical boring locations. Soils to be field screened.
- Property Boundary

100 Feet

Source:
Aerial Express
ECW Image
dated 2009

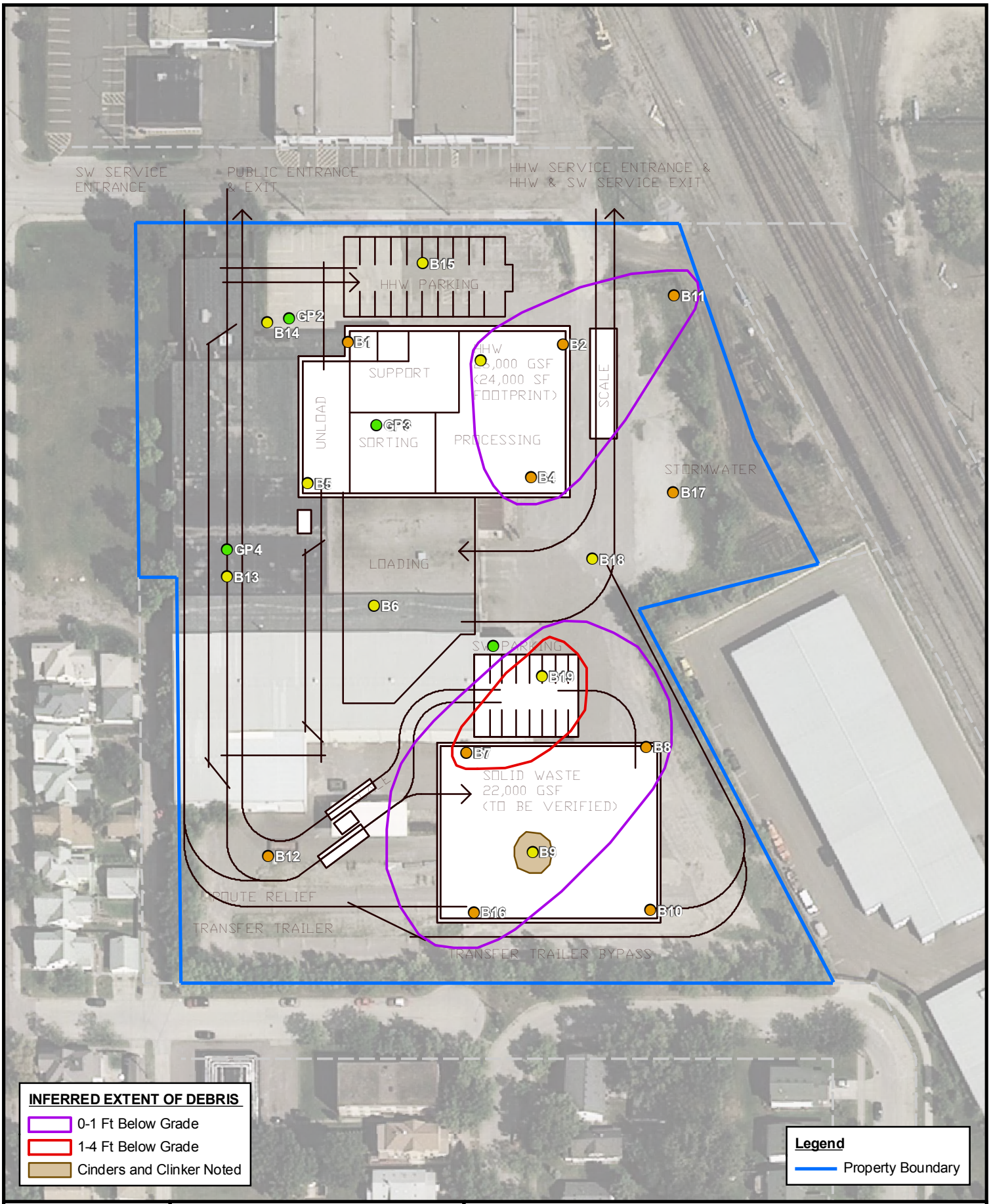
FIGURE 6 - ANALYTICAL DETECTIONS GROUNDWATER
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

URS

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	6

Date Printed: Tuesday, September 21, 2010; File Name: Q:\31810829\06_GIS\Projects\Figure6.mxd; Author: tim_schutz



Date Printed: Tuesday, September 21, 2010; File Name: Q:\31810829\06_GIS\Projects\Figure7.mxd; Author: tim_schutz

100
Feet

Source:
Aerial Express
ECW Image
dated 2009

FIGURE 7 - PROPOSED DEVELOPMENT
340 27TH AVE NE
MINNEAPOLIS, MINNESOTA

URS

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax

DRN BY:	TS	DATE:	9/21/10	PROJECT NO.	FIG. NO.
CHK'D BY:	MC	DATE:	9/21/10	31810829	7

Appendix A
Laboratory Reports

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

August 11, 2010

Todd Renville
URS Corporation
Fifth Street Towers
100 S. 5th Street, Suite 1500
Minneapolis, MN 55402

RE: Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Dear Todd Renville:
Enclosed are the analytical results for sample(s) received by the laboratory on August 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10134892001	**GP-1-4FT**	Solid	08/02/10 10:30	08/02/10 16:00
10134892002	**GP-2-12FT**	Solid	08/02/10 12:30	08/02/10 16:00
10134892003	**GP-3-8FT**	Solid	08/02/10 15:00	08/02/10 16:00
10134892004	**GP-4-7FT**	Solid	08/02/10 14:30	08/02/10 16:00
10134892005	**GP1-GW-32FT**	Water	08/02/10 11:00	08/02/10 16:00
10134892006	**GP2-GW-28FT**	Water	08/02/10 13:00	08/02/10 16:00
10134892007	**SOIL-VOC TRIP**	Solid		08/02/10 16:00
10134892008	**WATER-VOC TRIP**	Water		08/02/10 16:00

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SAMPLE ANALYTE COUNT

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10134892001	**GP-1-4FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JLR	18
		EPA 8260	CNC	71
10134892002	**GP-2-12FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JLR	18
		EPA 8260	CNC	71
10134892003	**GP-3-8FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JLR	18
		EPA 8260	CNC	71
10134892004	**GP-4-7FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JLR	18
		EPA 8260	CNC	71
10134892005	**GP1-GW-32FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7
		EPA 7470	TEM	1
		EPA 8270	JLR	77
		EPA 8260	DRE	73
10134892006	**GP2-GW-28FT**	WI MOD DRO	KL1	2
		WI MOD GRO	MJH	2
		EPA 6010	IP	7

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SAMPLE ANALYTE COUNT

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	TEM	1
		EPA 8270	JLR	77
		EPA 8260	DRE	73
10134892007	**SOIL-VOC TRIP**	EPA 8260	CNC	71
10134892008	**WATER-VOC TRIP**	EPA 8260	DJT	73

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-1-4FT **Lab ID: 10134892001** Collected: 08/02/10 10:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.5	1	08/03/10 08:10	08/06/10 23:23		
n-Triacontane (S)	97	%	50-150	1	08/03/10 08:10	08/06/10 23:23		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	5.2	1	08/04/10 14:33	08/05/10 00:57		
a,a,a-Trifluorotoluene (S)	99	%	80-125	1	08/04/10 14:33	08/05/10 00:57	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.4**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:37	7440-38-2	
Barium	**26.7**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:37	7440-39-3	
Cadmium	ND	mg/kg	0.041	1	08/03/10 09:59	08/03/10 20:37	7440-43-9	
Chromium	**4.2**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:37	7440-47-3	
Lead	**3.3**	mg/kg	0.25	1	08/03/10 09:59	08/03/10 20:37	7439-92-1	
Selenium	ND	mg/kg	0.62	1	08/03/10 09:59	08/03/10 20:37	7782-49-2	
Silver	ND	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/03/10 11:52	08/04/10 08:41	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**4.1**	%	0.10	1		08/03/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	83-32-9	
Acenaphthylene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	208-96-8	
Anthracene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	120-12-7	
Benzo(a)anthracene	**11.8**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	50-32-8	
Benzo(b)fluoranthene	**15.5**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	207-08-9	
Chrysene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	53-70-3	
Fluoranthene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	206-44-0	
Fluorene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	193-39-5	
Naphthalene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	91-20-3	
Phenanthrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	85-01-8	
Pyrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 15:20	129-00-0	
2-Fluorobiphenyl (S)	78	%	39-125	1	08/03/10 09:00	08/10/10 15:20	321-60-8	1M,D3
Terphenyl-d14 (S)	82	%	30-150	1	08/03/10 09:00	08/10/10 15:20	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	67-64-1	
Allyl chloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	107-05-1	L2

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-1-4FT **Lab ID: 10134892001** Collected: 08/02/10 10:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	ND	ug/kg	20.8	1	08/04/10 13:53	08/05/10 21:35	71-43-2	
Bromobenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	108-86-1	
Bromochloromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	74-97-5	
Bromodichloromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-27-4	L2
Bromoform	ND	ug/kg	416	1	08/04/10 13:53	08/05/10 21:35	75-25-2	
Bromomethane	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	78-93-3	
n-Butylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	56-23-5	L2
Chlorobenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	108-90-7	
Chloroethane	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	75-00-3	
Chloroform	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	67-66-3	
Chloromethane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	74-87-3	L2
2-Chlorotoluene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	96-12-8	
Dibromochloromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	106-93-4	
Dibromomethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-34-3	L2
1,2-Dichloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	107-06-2	L2
1,1-Dichloroethene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	156-60-5	
Dichlorofluoromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-43-4	
1,2-Dichloropropane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	78-87-5	L2
1,3-Dichloropropane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	594-20-7	CL,L2
1,1-Dichloropropene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	10061-02-6	L2
Diethyl ether (Ethyl ether)	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	60-29-7	
Ethylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	99-87-6	
Methylene Chloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	1634-04-4	L2
Naphthalene	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:35	91-20-3	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-1-4FT **Lab ID: 10134892001** Collected: 08/02/10 10:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Propylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	103-65-1	
Styrene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	79-34-5	
Tetrachloroethene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	127-18-4	
Tetrahydrofuran	ND	ug/kg	519	1	08/04/10 13:53	08/05/10 21:35	109-99-9	
Toluene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	108-88-3	
1,2,3-Trichlorobenzene	**61.6**	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	87-61-6	
1,2,4-Trichlorobenzene	**102**	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	79-00-5	
Trichloroethene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	51.9	1	08/04/10 13:53	08/05/10 21:35	108-67-8	
Vinyl chloride	ND	ug/kg	20.8	1	08/04/10 13:53	08/05/10 21:35	75-01-4	
Xylene (Total)	ND	ug/kg	156	1	08/04/10 13:53	08/05/10 21:35	1330-20-7	
Dibromofluoromethane (S)	84	%	69-127	1	08/04/10 13:53	08/05/10 21:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	78	%	67-125	1	08/04/10 13:53	08/05/10 21:35	17060-07-0	
Toluene-d8 (S)	87	%	75-144	1	08/04/10 13:53	08/05/10 21:35	2037-26-5	
4-Bromofluorobenzene (S)	82	%	75-132	1	08/04/10 13:53	08/05/10 21:35	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-2-12FT **Lab ID: 10134892002** Collected: 08/02/10 12:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**10.9**	mg/kg	8.7	1	08/03/10 08:10	08/06/10 23:58		
n-Triacontane (S)	95	%	50-150	1	08/03/10 08:10	08/06/10 23:58		2M
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	5.2	1	08/04/10 14:33	08/04/10 23:48		
a,a,a-Trifluorotoluene (S)	100	%	80-125	1	08/04/10 14:33	08/04/10 23:48	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	0.47	1	08/03/10 09:59	08/03/10 20:44	7440-38-2	
Barium	**41.3**	mg/kg	0.47	1	08/03/10 09:59	08/03/10 20:44	7440-39-3	
Cadmium	**0.62**	mg/kg	0.047	1	08/03/10 09:59	08/03/10 20:44	7440-43-9	
Chromium	**11.1**	mg/kg	0.47	1	08/03/10 09:59	08/03/10 20:44	7440-47-3	
Lead	**27.4**	mg/kg	0.28	1	08/03/10 09:59	08/03/10 20:44	7439-92-1	
Selenium	**1.3**	mg/kg	0.71	1	08/03/10 09:59	08/03/10 20:44	7782-49-2	
Silver	ND	mg/kg	0.47	1	08/03/10 09:59	08/03/10 20:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.021	1	08/03/10 11:52	08/04/10 08:43	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**6.9**	%	0.10	1		08/03/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	83-32-9	
Acenaphthylene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	208-96-8	
Anthracene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	120-12-7	
Benzo(a)anthracene	**74.5**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	56-55-3	
Benzo(a)pyrene	**53.6**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	50-32-8	
Benzo(b)fluoranthene	**119**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	205-99-2	
Benzo(g,h,i)perylene	**84.9**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	207-08-9	
Chrysene	**48.5**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	218-01-9	
Dibenz(a,h)anthracene	**26.1**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	53-70-3	
Fluoranthene	**97.6**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	206-44-0	
Fluorene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	86-73-7	
Indeno(1,2,3-cd)pyrene	**44.3**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	193-39-5	
Naphthalene	ND	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	91-20-3	
Phenanthrene	**50.0**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	85-01-8	
Pyrene	**101**	ug/kg	21.5	2	08/03/10 09:00	08/10/10 16:13	129-00-0	
2-Fluorobiphenyl (S)	88	%	39-125	2	08/03/10 09:00	08/10/10 16:13	321-60-8	1M,D3
Terphenyl-d14 (S)	97	%	30-150	2	08/03/10 09:00	08/10/10 16:13	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	67-64-1	
Allyl chloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	107-05-1	L2

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(612)607-1700

ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-2-12FT **Lab ID: 10134892002** Collected: 08/02/10 12:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	ND	ug/kg	20.8	1	08/04/10 13:53	08/05/10 21:55	71-43-2	
Bromobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	108-86-1	
Bromochloromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	74-97-5	
Bromodichloromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-27-4	L2
Bromoform	ND	ug/kg	417	1	08/04/10 13:53	08/05/10 21:55	75-25-2	
Bromomethane	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	78-93-3	
n-Butylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	56-23-5	L2
Chlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	108-90-7	
Chloroethane	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	75-00-3	
Chloroform	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	67-66-3	
Chloromethane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	74-87-3	L2
2-Chlorotoluene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	96-12-8	
Dibromochloromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	106-93-4	
Dibromomethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-34-3	L2
1,2-Dichloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	107-06-2	L2
1,1-Dichloroethene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	156-60-5	
Dichlorofluoromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-43-4	
1,2-Dichloropropane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	78-87-5	L2
1,3-Dichloropropane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	594-20-7	CL,L2
1,1-Dichloropropene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	10061-02-6	L2
Diethyl ether (Ethyl ether)	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	60-29-7	
Ethylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	99-87-6	
Methylene Chloride	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	1634-04-4	L2
Naphthalene	ND	ug/kg	208	1	08/04/10 13:53	08/05/10 21:55	91-20-3	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-2-12FT **Lab ID: 10134892002** Collected: 08/02/10 12:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Propylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	103-65-1	
Styrene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	79-34-5	
Tetrachloroethene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	127-18-4	
Tetrahydrofuran	ND	ug/kg	521	1	08/04/10 13:53	08/05/10 21:55	109-99-9	
Toluene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	79-00-5	
Trichloroethene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	52.1	1	08/04/10 13:53	08/05/10 21:55	108-67-8	
Vinyl chloride	ND	ug/kg	20.8	1	08/04/10 13:53	08/05/10 21:55	75-01-4	
Xylene (Total)	ND	ug/kg	156	1	08/04/10 13:53	08/05/10 21:55	1330-20-7	
Dibromofluoromethane (S)	110	%	69-127	1	08/04/10 13:53	08/05/10 21:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	67-125	1	08/04/10 13:53	08/05/10 21:55	17060-07-0	
Toluene-d8 (S)	117	%	75-144	1	08/04/10 13:53	08/05/10 21:55	2037-26-5	
4-Bromofluorobenzene (S)	110	%	75-132	1	08/04/10 13:53	08/05/10 21:55	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-3-8FT **Lab ID: 10134892003** Collected: 08/02/10 15:00 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.5	1	08/03/10 08:10	08/06/10 23:51		
n-Triacontane (S)	95	%	50-150	1	08/03/10 08:10	08/06/10 23:51		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	5.0	1	08/04/10 14:33	08/05/10 00:11		
a,a,a-Trifluorotoluene (S)	99	%	80-125	1	08/04/10 14:33	08/05/10 00:11	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.7**	mg/kg	0.44	1	08/03/10 09:59	08/03/10 20:51	7440-38-2	
Barium	**33.3**	mg/kg	0.44	1	08/03/10 09:59	08/03/10 20:51	7440-39-3	
Cadmium	**0.38**	mg/kg	0.044	1	08/03/10 09:59	08/03/10 20:51	7440-43-9	
Chromium	**5.5**	mg/kg	0.44	1	08/03/10 09:59	08/03/10 20:51	7440-47-3	
Lead	**5.9**	mg/kg	0.27	1	08/03/10 09:59	08/03/10 20:51	7439-92-1	
Selenium	**1.0**	mg/kg	0.67	1	08/03/10 09:59	08/03/10 20:51	7782-49-2	
Silver	ND	mg/kg	0.44	1	08/03/10 09:59	08/03/10 20:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.019	1	08/03/10 11:52	08/04/10 08:44	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**3.8**	%	0.10	1		08/03/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	83-32-9	
Acenaphthylene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	208-96-8	
Anthracene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	120-12-7	
Benzo(a)anthracene	**14.4**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	50-32-8	
Benzo(b)fluoranthene	**15.7**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	207-08-9	
Chrysene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	53-70-3	
Fluoranthene	**11.6**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	206-44-0	
Fluorene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	193-39-5	
Naphthalene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	91-20-3	
Phenanthrene	ND	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	85-01-8	
Pyrene	**11.2**	ug/kg	10.4	1	08/03/10 09:00	08/10/10 16:31	129-00-0	
2-Fluorobiphenyl (S)	79	%	39-125	1	08/03/10 09:00	08/10/10 16:31	321-60-8	
Terphenyl-d14 (S)	91	%	30-150	1	08/03/10 09:00	08/10/10 16:31	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	67-64-1	
Allyl chloride	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	107-05-1	L2

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-3-8FT **Lab ID: 10134892003** Collected: 08/02/10 15:00 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	ND	ug/kg	21.4	1	08/04/10 13:53	08/05/10 22:16	71-43-2	
Bromobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	108-86-1	
Bromochloromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	74-97-5	
Bromodichloromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-27-4	L2
Bromoform	ND	ug/kg	428	1	08/04/10 13:53	08/05/10 22:16	75-25-2	
Bromomethane	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	78-93-3	
n-Butylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	56-23-5	L2
Chlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	108-90-7	
Chloroethane	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	75-00-3	
Chloroform	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	67-66-3	
Chloromethane	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	74-87-3	L2
2-Chlorotoluene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	96-12-8	
Dibromochloromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	106-93-4	
Dibromomethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-34-3	L2
1,2-Dichloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	107-06-2	L2
1,1-Dichloroethene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	156-60-5	
Dichlorofluoromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-43-4	
1,2-Dichloropropane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	78-87-5	L2
1,3-Dichloropropane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	594-20-7	CL,L2
1,1-Dichloropropene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	10061-02-6	L2
Diethyl ether (Ethyl ether)	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	60-29-7	
Ethylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	99-87-6	
Methylene Chloride	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	1634-04-4	L2
Naphthalene	ND	ug/kg	214	1	08/04/10 13:53	08/05/10 22:16	91-20-3	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-3-8FT **Lab ID: 10134892003** Collected: 08/02/10 15:00 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Propylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	103-65-1	
Styrene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	79-34-5	
Tetrachloroethene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	127-18-4	
Tetrahydrofuran	ND	ug/kg	535	1	08/04/10 13:53	08/05/10 22:16	109-99-9	
Toluene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	79-00-5	
Trichloroethene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	53.5	1	08/04/10 13:53	08/05/10 22:16	108-67-8	
Vinyl chloride	ND	ug/kg	21.4	1	08/04/10 13:53	08/05/10 22:16	75-01-4	
Xylene (Total)	ND	ug/kg	160	1	08/04/10 13:53	08/05/10 22:16	1330-20-7	
Dibromofluoromethane (S)	113	%	69-127	1	08/04/10 13:53	08/05/10 22:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	67-125	1	08/04/10 13:53	08/05/10 22:16	17060-07-0	
Toluene-d8 (S)	119	%	75-144	1	08/04/10 13:53	08/05/10 22:16	2037-26-5	
4-Bromofluorobenzene (S)	111	%	75-132	1	08/04/10 13:53	08/05/10 22:16	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-4-7FT **Lab ID: 10134892004** Collected: 08/02/10 14:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.3	1	08/03/10 08:10	08/06/10 23:44		
n-Triacontane (S)	98	%	50-150	1	08/03/10 08:10	08/06/10 23:44		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	4.9	1	08/04/10 14:33	08/05/10 00:34		
a,a,a-Trifluorotoluene (S)	100	%	80-125	1	08/04/10 14:33	08/05/10 00:34	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.9**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:57	7440-38-2	
Barium	**34.0**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:57	7440-39-3	
Cadmium	**0.33**	mg/kg	0.041	1	08/03/10 09:59	08/03/10 20:57	7440-43-9	
Chromium	**6.8**	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:57	7440-47-3	
Lead	**4.4**	mg/kg	0.25	1	08/03/10 09:59	08/03/10 20:57	7439-92-1	
Selenium	**0.99**	mg/kg	0.62	1	08/03/10 09:59	08/03/10 20:57	7782-49-2	
Silver	ND	mg/kg	0.41	1	08/03/10 09:59	08/03/10 20:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.018	1	08/03/10 11:52	08/04/10 08:46	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**3.3**	%	0.10	1		08/03/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	83-32-9	
Acenaphthylene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	208-96-8	
Anthracene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	120-12-7	
Benzo(a)anthracene	**11.4**	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	50-32-8	
Benzo(b)fluoranthene	**12.1**	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	207-08-9	
Chrysene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	53-70-3	
Fluoranthene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	206-44-0	
Fluorene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	193-39-5	
Naphthalene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	91-20-3	
Phenanthrene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	85-01-8	
Pyrene	ND	ug/kg	10.3	1	08/03/10 09:00	08/10/10 16:49	129-00-0	
2-Fluorobiphenyl (S)	76	%	39-125	1	08/03/10 09:00	08/10/10 16:49	321-60-8	
Terphenyl-d14 (S)	80	%	30-150	1	08/03/10 09:00	08/10/10 16:49	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	67-64-1	
Allyl chloride	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	107-05-1	L2

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-4-7FT **Lab ID: 10134892004** Collected: 08/02/10 14:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	ND	ug/kg	21.6	1	08/04/10 13:53	08/05/10 22:36	71-43-2	
Bromobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	108-86-1	
Bromochloromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	74-97-5	
Bromodichloromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-27-4	L2
Bromoform	ND	ug/kg	431	1	08/04/10 13:53	08/05/10 22:36	75-25-2	
Bromomethane	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	78-93-3	
n-Butylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	56-23-5	L2
Chlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	108-90-7	
Chloroethane	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	75-00-3	
Chloroform	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	67-66-3	
Chloromethane	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	74-87-3	L2
2-Chlorotoluene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	96-12-8	
Dibromochloromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	106-93-4	
Dibromomethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-34-3	L2
1,2-Dichloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	107-06-2	L2
1,1-Dichloroethene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	156-60-5	
Dichlorofluoromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-43-4	
1,2-Dichloropropane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	78-87-5	L2
1,3-Dichloropropane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	594-20-7	CL,L2
1,1-Dichloropropene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	10061-02-6	L2
Diethyl ether (Ethyl ether)	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	60-29-7	
Ethylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	99-87-6	
Methylene Chloride	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	1634-04-4	L2
Naphthalene	ND	ug/kg	216	1	08/04/10 13:53	08/05/10 22:36	91-20-3	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP-4-7FT **Lab ID: 10134892004** Collected: 08/02/10 14:30 Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Propylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	103-65-1	
Styrene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	79-34-5	
Tetrachloroethene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	127-18-4	
Tetrahydrofuran	ND	ug/kg	539	1	08/04/10 13:53	08/05/10 22:36	109-99-9	
Toluene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	79-00-5	
Trichloroethene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	53.9	1	08/04/10 13:53	08/05/10 22:36	108-67-8	
Vinyl chloride	ND	ug/kg	21.6	1	08/04/10 13:53	08/05/10 22:36	75-01-4	
Xylene (Total)	ND	ug/kg	162	1	08/04/10 13:53	08/05/10 22:36	1330-20-7	
Dibromofluoromethane (S)	84	%	69-127	1	08/04/10 13:53	08/05/10 22:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	79	%	67-125	1	08/04/10 13:53	08/05/10 22:36	17060-07-0	
Toluene-d8 (S)	89	%	75-144	1	08/04/10 13:53	08/05/10 22:36	2037-26-5	
4-Bromofluorobenzene (S)	81	%	75-132	1	08/04/10 13:53	08/05/10 22:36	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP1-GW-32FT **Lab ID: 10134892005** Collected: 08/02/10 11:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/L	0.10	1	08/03/10 01:11	08/04/10 19:21		
n-Triacontane (S)	91	%	50-150	1	08/03/10 01:11	08/04/10 19:21		
WIGRO GCV	Analytical Method: WI MOD GRO							
Gasoline Range Organics	ND	ug/L	100	1		08/04/10 19:54		
a,a,a-Trifluorotoluene (S)	98	%	80-125	1		08/04/10 19:54	98-08-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:47	7440-38-2	
Barium, Dissolved	**42.2**	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:47	7440-39-3	
Cadmium, Dissolved	ND	ug/L	1.0	1	08/03/10 16:29	08/04/10 12:47	7440-43-9	
Chromium, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:47	7440-47-3	
Lead, Dissolved	ND	ug/L	3.0	1	08/03/10 16:29	08/04/10 12:47	7439-92-1	
Selenium, Dissolved	**16.2**	ug/L	15.0	1	08/03/10 16:29	08/04/10 12:47	7782-49-2	
Silver, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:47	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	08/05/10 11:39	08/05/10 12:57	7439-97-6	
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Phenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	108-95-2	M5
bis(2-Chloroethyl) ether	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	111-44-4	M5
2-Chlorophenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	95-57-8	M5
1,3-Dichlorobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	541-73-1	M5
1,4-Dichlorobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	106-46-7	M5
Benzyl alcohol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	100-51-6	M5
1,2-Dichlorobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	95-50-1	M5
2-Methylphenol(o-Cresol)	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	95-48-7	M5
bis(2-Chloroisopropyl) ether	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	108-60-1	M5
3&4-Methylphenol	ND	ug/L	20.6	1	08/03/10 12:19	08/04/10 15:38		M5
N-Nitroso-di-n-propylamine	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	621-64-7	M5
Hexachloroethane	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	67-72-1	M5
Nitrobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	98-95-3	M5
Isophorone	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	78-59-1	M5
2-Nitrophenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	88-75-5	M5
2,4-Dimethylphenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	105-67-9	M5
Benzoic acid	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	65-85-0	M5
bis(2-Chloroethoxy)methane	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	111-91-1	M5
2,4-Dichlorophenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	120-83-2	M5
1,2,4-Trichlorobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	120-82-1	M5
Naphthalene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	91-20-3	M5
4-Chloroaniline	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	106-47-8	M5
Hexachloro-1,3-butadiene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	87-68-3	M5
4-Chloro-3-methylphenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	59-50-7	M5
2-Methylnaphthalene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	91-57-6	M5
Hexachlorocyclopentadiene	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	77-47-4	M5

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP1-GW-32FT **Lab ID: 10134892005** Collected: 08/02/10 11:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
2,4,6-Trichlorophenol	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	88-06-2	M5
2,4,5-Trichlorophenol	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	95-95-4	M5
2-Chloronaphthalene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	91-58-7	M5
2-Nitroaniline	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	88-74-4	M5
Dimethylphthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	131-11-3	M5
Acenaphthylene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	208-96-8	M5
2,6-Dinitrotoluene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	606-20-2	M5
3-Nitroaniline	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	99-09-2	M5
Acenaphthene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	83-32-9	M5
2,4-Dinitrophenol	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	51-28-5	M5
4-Nitrophenol	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	100-02-7	M5
Dibenzofuran	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	132-64-9	M5
2,4-Dinitrotoluene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	121-14-2	M5
Diethylphthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	84-66-2	M5
4-Chlorophenylphenyl ether	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	7005-72-3	M5
Fluorene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	86-73-7	M5
4-Nitroaniline	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	100-01-6	M5
4,6-Dinitro-2-methylphenol	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	534-52-1	M5
N-Nitrosodiphenylamine	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	86-30-6	M5
4-Bromophenylphenyl ether	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	101-55-3	M5
Hexachlorobenzene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	118-74-1	M5
Pentachlorophenol	ND	ug/L	23.7	1	08/03/10 12:19	08/04/10 15:38	87-86-5	M5
Phenanthrene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	85-01-8	M5
Anthracene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	120-12-7	M5
Di-n-butylphthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	84-74-2	M5
Fluoranthene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	206-44-0	M5
Pyrene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	129-00-0	M5
Butylbenzylphthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	85-68-7	M5
3,3'-Dichlorobenzidine	ND	ug/L	20.6	1	08/03/10 12:19	08/04/10 15:38	91-94-1	M5
Benzo(a)anthracene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	56-55-3	M5
Chrysene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	218-01-9	M5
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	117-81-7	M5
Di-n-octylphthalate	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	117-84-0	M5
Benzo(b)fluoranthene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	205-99-2	M5
Benzo(k)fluoranthene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	207-08-9	M5
Benzo(a)pyrene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	50-32-8	M5
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	193-39-5	M5
Dibenz(a,h)anthracene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	53-70-3	M5
Benzo(g,h,i)perylene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	191-24-2	M5
Pyridine	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	110-86-1	M5
N-Nitrosodimethylamine	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	62-75-9	M5
1,2-Diphenylhydrazine	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	122-66-7	M5
Carbazole	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	86-74-8	M5
1-Methylnaphthalene	ND	ug/L	10.3	1	08/03/10 12:19	08/04/10 15:38	90-12-0	M5
Benzidine	ND	ug/L	51.5	1	08/03/10 12:19	08/04/10 15:38	92-87-5	M5
Nitrobenzene-d5 (S)	72	%	53-125	1	08/03/10 12:19	08/04/10 15:38	4165-60-0	M5
2-Fluorobiphenyl (S)	72	%	56-125	1	08/03/10 12:19	08/04/10 15:38	321-60-8	M5

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP1-GW-32FT **Lab ID: 10134892005** Collected: 08/02/10 11:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Terphenyl-d14 (S)	77	%	61-125	1	08/03/10 12:19	08/04/10 15:38	1718-51-0	M5
Phenol-d6 (S)	62	%	56-125	1	08/03/10 12:19	08/04/10 15:38	13127-88-3	M5
2-Fluorophenol (S)	60	%	54-125	1	08/03/10 12:19	08/04/10 15:38	367-12-4	M5
2,4,6-Tribromophenol (S)	65	%	58-125	1	08/03/10 12:19	08/04/10 15:38	118-79-6	M5
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		08/03/10 15:55	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		08/03/10 15:55	107-05-1	
Benzene	ND	ug/L	1.0	1		08/03/10 15:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/03/10 15:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/03/10 15:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/03/10 15:55	75-27-4	
Bromoform	ND	ug/L	8.0	1		08/03/10 15:55	75-25-2	
Bromomethane	ND	ug/L	4.0	1		08/03/10 15:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		08/03/10 15:55	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	98-06-6	
Carbon tetrachloride	ND	ug/L	4.0	1		08/03/10 15:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/03/10 15:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/03/10 15:55	67-66-3	
Chloromethane	ND	ug/L	4.0	1		08/03/10 15:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 15:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 15:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		08/03/10 15:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/03/10 15:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/03/10 15:55	106-93-4	
Dibromomethane	ND	ug/L	4.0	1		08/03/10 15:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/03/10 15:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/03/10 15:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/03/10 15:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/03/10 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 15:55	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 15:55	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/03/10 15:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/03/10 15:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	4.0	1		08/03/10 15:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/03/10 15:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 15:55	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		08/03/10 15:55	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	100-41-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP1-GW-32FT **Lab ID: 10134892005** Collected: 08/02/10 11:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		08/03/10 15:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/03/10 15:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/03/10 15:55	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		08/03/10 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		08/03/10 15:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/03/10 15:55	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		08/03/10 15:55	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	103-65-1	
Styrene	ND	ug/L	1.0	1		08/03/10 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 15:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/03/10 15:55	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		08/03/10 15:55	109-99-9	
Toluene	ND	ug/L	1.0	1		08/03/10 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 15:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/03/10 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/03/10 15:55	79-00-5	
Trichloroethene	**5.8**	ug/L	1.0	1		08/03/10 15:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 15:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/03/10 15:55	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		08/03/10 15:55	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 15:55	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		08/03/10 15:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/03/10 15:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/03/10 15:55	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/03/10 15:55	95-47-6	
Dibromofluoromethane (S)	105	%	75-130	1		08/03/10 15:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	75-131	1		08/03/10 15:55	17060-07-0	
Toluene-d8 (S)	96	%	75-125	1		08/03/10 15:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		08/03/10 15:55	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP2-GW-28FT **Lab ID: 10134892006** Collected: 08/02/10 13:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/L	0.10	1	08/03/10 01:11	08/04/10 18:40		
n-Triacontane (S)	84	%	50-150	1	08/03/10 01:11	08/04/10 18:40		
WIGRO GCV	Analytical Method: WI MOD GRO							
Gasoline Range Organics	ND	ug/L	100	1		08/04/10 20:16		
a,a,a-Trifluorotoluene (S)	99	%	80-125	1		08/04/10 20:16	98-08-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:52	7440-38-2	
Barium, Dissolved	**45.9**	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:52	7440-39-3	
Cadmium, Dissolved	ND	ug/L	1.0	1	08/03/10 16:29	08/04/10 12:52	7440-43-9	
Chromium, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:52	7440-47-3	
Lead, Dissolved	ND	ug/L	3.0	1	08/03/10 16:29	08/04/10 12:52	7439-92-1	
Selenium, Dissolved	**18.6**	ug/L	15.0	1	08/03/10 16:29	08/04/10 12:52	7782-49-2	
Silver, Dissolved	ND	ug/L	10.0	1	08/03/10 16:29	08/04/10 12:52	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	08/05/10 11:39	08/05/10 13:01	7439-97-6	
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Phenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	108-95-2	M5
bis(2-Chloroethyl) ether	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	111-44-4	M5
2-Chlorophenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	95-57-8	M5
1,3-Dichlorobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	541-73-1	M5
1,4-Dichlorobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	106-46-7	M5
Benzyl alcohol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	100-51-6	M5
1,2-Dichlorobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	95-50-1	M5
2-Methylphenol(o-Cresol)	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	95-48-7	M5
bis(2-Chloroisopropyl) ether	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	108-60-1	M5
3&4-Methylphenol	ND	ug/L	20.3	1	08/03/10 12:19	08/04/10 16:05		M5
N-Nitroso-di-n-propylamine	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	621-64-7	M5
Hexachloroethane	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	67-72-1	M5
Nitrobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	98-95-3	M5
Isophorone	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	78-59-1	M5
2-Nitrophenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	88-75-5	M5
2,4-Dimethylphenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	105-67-9	M5
Benzoic acid	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	65-85-0	M5
bis(2-Chloroethoxy)methane	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	111-91-1	M5
2,4-Dichlorophenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	120-83-2	M5
1,2,4-Trichlorobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	120-82-1	M5
Naphthalene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	91-20-3	M5
4-Chloroaniline	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	106-47-8	M5
Hexachloro-1,3-butadiene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	87-68-3	M5
4-Chloro-3-methylphenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	59-50-7	M5
2-Methylnaphthalene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	91-57-6	M5
Hexachlorocyclopentadiene	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	77-47-4	M5

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP2-GW-28FT **Lab ID: 10134892006** Collected: 08/02/10 13:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
2,4,6-Trichlorophenol	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	88-06-2	M5
2,4,5-Trichlorophenol	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	95-95-4	M5
2-Chloronaphthalene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	91-58-7	M5
2-Nitroaniline	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	88-74-4	M5
Dimethylphthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	131-11-3	M5
Acenaphthylene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	208-96-8	M5
2,6-Dinitrotoluene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	606-20-2	M5
3-Nitroaniline	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	99-09-2	M5
Acenaphthene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	83-32-9	M5
2,4-Dinitrophenol	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	51-28-5	M5
4-Nitrophenol	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	100-02-7	M5
Dibenzofuran	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	132-64-9	M5
2,4-Dinitrotoluene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	121-14-2	M5
Diethylphthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	84-66-2	M5
4-Chlorophenylphenyl ether	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	7005-72-3	M5
Fluorene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	86-73-7	M5
4-Nitroaniline	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	100-01-6	M5
4,6-Dinitro-2-methylphenol	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	534-52-1	M5
N-Nitrosodiphenylamine	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	86-30-6	M5
4-Bromophenylphenyl ether	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	101-55-3	M5
Hexachlorobenzene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	118-74-1	M5
Pentachlorophenol	ND	ug/L	23.4	1	08/03/10 12:19	08/04/10 16:05	87-86-5	M5
Phenanthrene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	85-01-8	M5
Anthracene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	120-12-7	M5
Di-n-butylphthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	84-74-2	M5
Fluoranthene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	206-44-0	M5
Pyrene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	129-00-0	M5
Butylbenzylphthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	85-68-7	M5
3,3'-Dichlorobenzidine	ND	ug/L	20.3	1	08/03/10 12:19	08/04/10 16:05	91-94-1	M5
Benzo(a)anthracene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	56-55-3	M5
Chrysene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	218-01-9	M5
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	117-81-7	M5
Di-n-octylphthalate	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	117-84-0	M5
Benzo(b)fluoranthene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	205-99-2	M5
Benzo(k)fluoranthene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	207-08-9	M5
Benzo(a)pyrene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	50-32-8	M5
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	193-39-5	M5
Dibenz(a,h)anthracene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	53-70-3	M5
Benzo(g,h,i)perylene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	191-24-2	M5
Pyridine	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	110-86-1	M5
N-Nitrosodimethylamine	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	62-75-9	M5
1,2-Diphenylhydrazine	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	122-66-7	M5
Carbazole	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	86-74-8	M5
1-Methylnaphthalene	ND	ug/L	10.2	1	08/03/10 12:19	08/04/10 16:05	90-12-0	M5
Benzidine	ND	ug/L	50.8	1	08/03/10 12:19	08/04/10 16:05	92-87-5	M5
Nitrobenzene-d5 (S)	76	%	53-125	1	08/03/10 12:19	08/04/10 16:05	4165-60-0	M5
2-Fluorobiphenyl (S)	77	%	56-125	1	08/03/10 12:19	08/04/10 16:05	321-60-8	M5

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP2-GW-28FT **Lab ID: 10134892006** Collected: 08/02/10 13:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Terphenyl-d14 (S)	73	%	61-125	1	08/03/10 12:19	08/04/10 16:05	1718-51-0	M5
Phenol-d6 (S)	66	%	56-125	1	08/03/10 12:19	08/04/10 16:05	13127-88-3	M5
2-Fluorophenol (S)	65	%	54-125	1	08/03/10 12:19	08/04/10 16:05	367-12-4	M5
2,4,6-Tribromophenol (S)	72	%	58-125	1	08/03/10 12:19	08/04/10 16:05	118-79-6	M5
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		08/03/10 16:18	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		08/03/10 16:18	107-05-1	
Benzene	ND	ug/L	1.0	1		08/03/10 16:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/03/10 16:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/03/10 16:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/03/10 16:18	75-27-4	
Bromoform	ND	ug/L	8.0	1		08/03/10 16:18	75-25-2	
Bromomethane	ND	ug/L	4.0	1		08/03/10 16:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		08/03/10 16:18	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	98-06-6	
Carbon tetrachloride	ND	ug/L	4.0	1		08/03/10 16:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/03/10 16:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/03/10 16:18	67-66-3	
Chloromethane	ND	ug/L	4.0	1		08/03/10 16:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 16:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 16:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		08/03/10 16:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/03/10 16:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/03/10 16:18	106-93-4	
Dibromomethane	ND	ug/L	4.0	1		08/03/10 16:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/03/10 16:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/03/10 16:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/03/10 16:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/03/10 16:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 16:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 16:18	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 16:18	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/03/10 16:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/03/10 16:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	4.0	1		08/03/10 16:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/03/10 16:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 16:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 16:18	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		08/03/10 16:18	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	100-41-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: GP2-GW-28FT **Lab ID: 10134892006** Collected: 08/02/10 13:00 Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		08/03/10 16:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/03/10 16:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/03/10 16:18	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		08/03/10 16:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		08/03/10 16:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/03/10 16:18	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		08/03/10 16:18	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	103-65-1	
Styrene	ND	ug/L	1.0	1		08/03/10 16:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 16:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 16:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/03/10 16:18	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		08/03/10 16:18	109-99-9	
Toluene	ND	ug/L	1.0	1		08/03/10 16:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 16:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/03/10 16:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/03/10 16:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/03/10 16:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 16:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/03/10 16:18	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		08/03/10 16:18	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 16:18	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		08/03/10 16:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/03/10 16:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/03/10 16:18	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/03/10 16:18	95-47-6	
Dibromofluoromethane (S)	115	%	75-130	1		08/03/10 16:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	75-131	1		08/03/10 16:18	17060-07-0	
Toluene-d8 (S)	89	%	75-125	1		08/03/10 16:18	2037-26-5	
4-Bromofluorobenzene (S)	94	%	75-125	1		08/03/10 16:18	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: SOIL-VOC TRIP **Lab ID: 10134892007** Collected: Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	67-64-1	
Allyl chloride	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	107-05-1	L2
Benzene	ND	ug/kg	20.0	1	08/04/10 13:53	08/05/10 18:51	71-43-2	
Bromobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	108-86-1	
Bromochloromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	74-97-5	
Bromodichloromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-27-4	L2
Bromoform	ND	ug/kg	400	1	08/04/10 13:53	08/05/10 18:51	75-25-2	
Bromomethane	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	74-83-9	
2-Butanone (MEK)	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	78-93-3	
n-Butylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	104-51-8	
sec-Butylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	135-98-8	
tert-Butylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	98-06-6	
Carbon tetrachloride	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	56-23-5	L2
Chlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	108-90-7	
Chloroethane	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	75-00-3	
Chloroform	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	67-66-3	
Chloromethane	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	74-87-3	L2
2-Chlorotoluene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	95-49-8	
4-Chlorotoluene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	96-12-8	
Dibromochloromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	106-93-4	
Dibromomethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-71-8	
1,1-Dichloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-34-3	L2
1,2-Dichloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	107-06-2	L2
1,1-Dichloroethene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	156-60-5	
Dichlorofluoromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-43-4	
1,2-Dichloropropane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	78-87-5	L2
1,3-Dichloropropane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	142-28-9	
2,2-Dichloropropane	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	594-20-7	L2
1,1-Dichloropropene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	10061-01-5	L2
trans-1,3-Dichloropropene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	10061-02-6	L2
Diethyl ether (Ethyl ether)	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	60-29-7	
Ethylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	98-82-8	
p-Isopropyltoluene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	99-87-6	
Methylene Chloride	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	108-10-1	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: SOIL-VOC TRIP **Lab ID: 10134892007** Collected: Received: 08/02/10 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Methyl-tert-butyl ether	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	1634-04-4	L2
Naphthalene	ND	ug/kg	200	1	08/04/10 13:53	08/05/10 18:51	91-20-3	
n-Propylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	103-65-1	
Styrene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	630-20-6	L2
1,1,2,2-Tetrachloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	79-34-5	
Tetrachloroethene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	127-18-4	
Tetrahydrofuran	ND	ug/kg	500	1	08/04/10 13:53	08/05/10 18:51	109-99-9	
Toluene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	71-55-6	L2
1,1,2-Trichloroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	79-00-5	
Trichloroethene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	50.0	1	08/04/10 13:53	08/05/10 18:51	108-67-8	
Vinyl chloride	ND	ug/kg	20.0	1	08/04/10 13:53	08/05/10 18:51	75-01-4	
Xylene (Total)	ND	ug/kg	150	1	08/04/10 13:53	08/05/10 18:51	1330-20-7	
Dibromofluoromethane (S)	101	%	69-127	1	08/04/10 13:53	08/05/10 18:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	90	%	67-125	1	08/04/10 13:53	08/05/10 18:51	17060-07-0	
Toluene-d8 (S)	106	%	75-144	1	08/04/10 13:53	08/05/10 18:51	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-132	1	08/04/10 13:53	08/05/10 18:51	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: WATER-VOC TRIP **Lab ID: 10134892008** Collected: Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		08/03/10 19:24	67-64-1	M5
Allyl chloride	ND	ug/L	4.0	1		08/03/10 19:24	107-05-1	M5
Benzene	ND	ug/L	1.0	1		08/03/10 19:24	71-43-2	M5
Bromobenzene	ND	ug/L	1.0	1		08/03/10 19:24	108-86-1	M5
Bromochloromethane	ND	ug/L	1.0	1		08/03/10 19:24	74-97-5	M5
Bromodichloromethane	ND	ug/L	1.0	1		08/03/10 19:24	75-27-4	M5
Bromoform	ND	ug/L	8.0	1		08/03/10 19:24	75-25-2	M5
Bromomethane	ND	ug/L	4.0	1		08/03/10 19:24	74-83-9	M5
2-Butanone (MEK)	ND	ug/L	4.0	1		08/03/10 19:24	78-93-3	M5
n-Butylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	104-51-8	M5
sec-Butylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	135-98-8	M5
tert-Butylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	98-06-6	M5
Carbon tetrachloride	ND	ug/L	4.0	1		08/03/10 19:24	56-23-5	M5
Chlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	108-90-7	M5
Chloroethane	ND	ug/L	1.0	1		08/03/10 19:24	75-00-3	M5
Chloroform	ND	ug/L	1.0	1		08/03/10 19:24	67-66-3	M5
Chloromethane	ND	ug/L	4.0	1		08/03/10 19:24	74-87-3	M5
2-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 19:24	95-49-8	M5
4-Chlorotoluene	ND	ug/L	1.0	1		08/03/10 19:24	106-43-4	M5
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		08/03/10 19:24	96-12-8	M5
Dibromochloromethane	ND	ug/L	1.0	1		08/03/10 19:24	124-48-1	M5
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/03/10 19:24	106-93-4	M5
Dibromomethane	ND	ug/L	4.0	1		08/03/10 19:24	74-95-3	M5
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	95-50-1	M5
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	541-73-1	M5
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	106-46-7	M5
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/03/10 19:24	75-71-8	M5
1,1-Dichloroethane	ND	ug/L	1.0	1		08/03/10 19:24	75-34-3	M5
1,2-Dichloroethane	ND	ug/L	1.0	1		08/03/10 19:24	107-06-2	M5
1,1-Dichloroethene	ND	ug/L	1.0	1		08/03/10 19:24	75-35-4	M5
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 19:24	156-59-2	M5
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/03/10 19:24	156-60-5	M5
Dichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 19:24	75-43-4	M5
1,2-Dichloropropane	ND	ug/L	1.0	1		08/03/10 19:24	78-87-5	M5
1,3-Dichloropropane	ND	ug/L	1.0	1		08/03/10 19:24	142-28-9	M5
2,2-Dichloropropane	ND	ug/L	4.0	1		08/03/10 19:24	594-20-7	M5
1,1-Dichloropropene	ND	ug/L	1.0	1		08/03/10 19:24	563-58-6	M5
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 19:24	10061-01-5	M5
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		08/03/10 19:24	10061-02-6	M5
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		08/03/10 19:24	60-29-7	M5
Ethylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	100-41-4	M5
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		08/03/10 19:24	87-68-3	M5
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/03/10 19:24	98-82-8	M5
p-Isopropyltoluene	ND	ug/L	1.0	1		08/03/10 19:24	99-87-6	M5
Methylene Chloride	ND	ug/L	4.0	1		08/03/10 19:24	75-09-2	M5
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		08/03/10 19:24	108-10-1	M5
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/03/10 19:24	1634-04-4	M5

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ANALYTICAL RESULTS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Sample: WATER-VOC TRIP **Lab ID: 10134892008** Collected: Received: 08/02/10 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	4.0	1		08/03/10 19:24	91-20-3	M5
n-Propylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	103-65-1	M5
Styrene	ND	ug/L	1.0	1		08/03/10 19:24	100-42-5	M5
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 19:24	630-20-6	M5
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/03/10 19:24	79-34-5	M5
Tetrachloroethene	ND	ug/L	1.0	1		08/03/10 19:24	127-18-4	M5
Tetrahydrofuran	ND	ug/L	10.0	1		08/03/10 19:24	109-99-9	M5
Toluene	ND	ug/L	1.0	1		08/03/10 19:24	108-88-3	M5
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	87-61-6	M5
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/03/10 19:24	120-82-1	M5
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/03/10 19:24	71-55-6	M5
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/03/10 19:24	79-00-5	M5
Trichloroethene	ND	ug/L	1.0	1		08/03/10 19:24	79-01-6	M5
Trichlorofluoromethane	ND	ug/L	1.0	1		08/03/10 19:24	75-69-4	M5
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/03/10 19:24	96-18-4	M5
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		08/03/10 19:24	76-13-1	M5
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	95-63-6	M5
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/03/10 19:24	108-67-8	M5
Vinyl chloride	ND	ug/L	0.40	1		08/03/10 19:24	75-01-4	M5
Xylene (Total)	ND	ug/L	3.0	1		08/03/10 19:24	1330-20-7	M5
m&p-Xylene	ND	ug/L	2.0	1		08/03/10 19:24	1330-20-7	M5
o-Xylene	ND	ug/L	1.0	1		08/03/10 19:24	95-47-6	M5
Dibromofluoromethane (S)	125	%	75-130	1		08/03/10 19:24	1868-53-7	HS,M5
1,2-Dichloroethane-d4 (S)	124	%	75-131	1		08/03/10 19:24	17060-07-0	M5
Toluene-d8 (S)	86	%	75-125	1		08/03/10 19:24	2037-26-5	M5
4-Bromofluorobenzene (S)	93	%	75-125	1		08/03/10 19:24	460-00-4	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: OEXT/13466 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

METHOD BLANK: 832269 Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	5.0	08/06/10 23:02	
n-Triacontane (S)	%	91	50-150	08/06/10 23:02	

LABORATORY CONTROL SAMPLE & LCSD: 832270 832271

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	80	74.6	76.1	93	95	70-120	2	20	
n-Triacontane (S)	%				94	80	50-150			

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: OEXT/13473 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 832635 Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/L	ND	0.10	08/06/10 16:19	
n-Triacontane (S)	%	73	50-150	08/06/10 16:19	

LABORATORY CONTROL SAMPLE & LCSD: 832636 832637

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/L	2	1.9	1.8	93	91	75-115	1	20	
n-Triacontane (S)	%				93	90	50-150			

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: GCV/7315 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

METHOD BLANK: 833328 Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	08/04/10 16:46	
a,a,a-Trifluorotoluene (S)	%	97	80-125	08/04/10 16:46	

LABORATORY CONTROL SAMPLE & LCSD: 833329 833330

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	50	51.4	53.4	103	107	80-120	4	20	
a,a,a-Trifluorotoluene (S)	%				99	98	80-125			

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: GCV/7314 | Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO | Analysis Description: WIGRO GCV Water
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 832961 | Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	100	08/04/10 14:03	
a,a,a-Trifluorotoluene (S)	%	99	80-125	08/04/10 14:03	

LABORATORY CONTROL SAMPLE & LCSD: 832962 832963

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	1000	1060	1060	106	106	80-120	.7	20	
a,a,a-Trifluorotoluene (S)	%				97	99	80-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832964 832965

Parameter	Units	10134822001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	ug/L	22300	20000	20000	44100	44400	109	111	80-120	.9	20	
a,a,a-Trifluorotoluene (S)	%						106	100	80-125			

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MPRP/21670 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

METHOD BLANK: 832234 Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.41	08/03/10 19:58	
Barium	mg/kg	ND	0.41	08/03/10 19:58	
Cadmium	mg/kg	ND	0.041	08/03/10 19:58	
Chromium	mg/kg	ND	0.41	08/03/10 19:58	
Lead	mg/kg	ND	0.24	08/03/10 19:58	
Selenium	mg/kg	ND	0.61	08/03/10 19:58	
Silver	mg/kg	ND	0.41	08/03/10 19:58	

LABORATORY CONTROL SAMPLE: 832235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	43.9	37.9	86	80-120	
Barium	mg/kg	43.9	40.5	92	80-120	
Cadmium	mg/kg	43.9	38.1	87	80-120	
Chromium	mg/kg	43.9	40.2	92	80-120	
Lead	mg/kg	43.9	39.3	89	80-120	
Selenium	mg/kg	43.9	35.3	80	80-120	
Silver	mg/kg	21.9	18.2	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832236 832237

Parameter	Units	10133706005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	15.6	57.1	52.1	67.8	58.7	91	83	75-125	14	30	
Barium	mg/kg	141	57.1	52.1	260	233	208	176	75-125	11	30	M0
Cadmium	mg/kg	0.79	57.1	52.1	50.7	45.8	87	86	75-125	10	30	
Chromium	mg/kg	14.5	57.1	52.1	68.6	63.0	95	93	75-125	8	30	
Lead	mg/kg	11.8	57.1	52.1	60.7	54.7	85	82	75-125	10	30	
Selenium	mg/kg	1.2	57.1	52.1	47.6	43.0	81	80	75-125	10	30	
Silver	mg/kg	ND	28.6	26	24.0	22.1	84	85	75-125	9	30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MPRP/21671 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 832238 | Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	08/04/10 11:50	
Barium, Dissolved	ug/L	ND	10.0	08/04/10 11:50	
Cadmium, Dissolved	ug/L	ND	1.0	08/04/10 11:50	
Chromium, Dissolved	ug/L	ND	10.0	08/04/10 11:50	
Lead, Dissolved	ug/L	ND	3.0	08/04/10 11:50	
Selenium, Dissolved	ug/L	ND	15.0	08/04/10 11:50	
Silver, Dissolved	ug/L	ND	10.0	08/04/10 11:50	

LABORATORY CONTROL SAMPLE: 832239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	873	87	80-120	
Barium, Dissolved	ug/L	1000	878	88	80-120	
Cadmium, Dissolved	ug/L	1000	870	87	80-120	
Chromium, Dissolved	ug/L	1000	873	87	80-120	
Lead, Dissolved	ug/L	1000	871	87	80-120	
Selenium, Dissolved	ug/L	1000	894	89	80-120	
Silver, Dissolved	ug/L	500	407	81	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832240 832241

Parameter	Units	10134606001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	934	908	93	90	80-120	3	30	
Barium, Dissolved	ug/L	93.1	1000	1000	1000	992	91	90	80-120	1	30	
Cadmium, Dissolved	ug/L	ND	1000	1000	920	910	92	91	80-120	1	30	
Chromium, Dissolved	ug/L	ND	1000	1000	903	896	90	89	80-120	.8	30	
Lead, Dissolved	ug/L	ND	1000	1000	900	879	90	88	80-120	2	30	
Selenium, Dissolved	ug/L	15.0	1000	1000	956	939	94	92	80-120	2	30	
Silver, Dissolved	ug/L	ND	500	500	430	424	86	85	80-120	1	30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MERP/4690 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 833556 | Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	08/05/10 12:54	

LABORATORY CONTROL SAMPLE: 833557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.1	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 833558 833559

Parameter	Units	10134892005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	5.0	5.0	100	100	80-120	.7	20	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MERP/4683 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

METHOD BLANK: 832246 Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.018	08/04/10 08:30	

LABORATORY CONTROL SAMPLE: 832247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.45	0.47	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832248 832249

Parameter	Units	10133706005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.064	.61	.61	0.81	0.81	120	120	80-120	.2	20	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MPRP/21675
QC Batch Method: % Moisture
Analysis Method: % Moisture
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10134892001

SAMPLE DUPLICATE: 832328

Parameter	Units	10134878006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	68.7	70.4	3	30	

SAMPLE DUPLICATE: 832329

Parameter	Units	10134892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.1	4.3	4	30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MPRP/21677 | Analysis Method: % Moisture
QC Batch Method: % Moisture | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10134892002, 10134892003, 10134892004

SAMPLE DUPLICATE: 832375

Parameter	Units	10134442001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	86.9	87.1	.1	30	

SAMPLE DUPLICATE: 832376

Parameter	Units	10134876003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.5	27.0	2	30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: OEXT/13467 | Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3550 | Analysis Description: 8270 Soild PAH by SIM MSSV
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

METHOD BLANK: 832309 | Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	10.0	08/09/10 17:16	
Acenaphthylene	ug/kg	ND	10.0	08/09/10 17:16	
Anthracene	ug/kg	ND	10.0	08/09/10 17:16	
Benzo(a)anthracene	ug/kg	ND	10.0	08/09/10 17:16	
Benzo(a)pyrene	ug/kg	ND	10.0	08/09/10 17:16	
Benzo(b)fluoranthene	ug/kg	ND	10.0	08/09/10 17:16	
Benzo(g,h,i)perylene	ug/kg	ND	10.0	08/09/10 17:16	
Benzo(k)fluoranthene	ug/kg	ND	10.0	08/09/10 17:16	
Chrysene	ug/kg	ND	10.0	08/09/10 17:16	
Dibenz(a,h)anthracene	ug/kg	ND	10.0	08/09/10 17:16	
Fluoranthene	ug/kg	ND	10.0	08/09/10 17:16	
Fluorene	ug/kg	ND	10.0	08/09/10 17:16	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	10.0	08/09/10 17:16	
Naphthalene	ug/kg	ND	10.0	08/09/10 17:16	
Phenanthrene	ug/kg	ND	10.0	08/09/10 17:16	
Pyrene	ug/kg	ND	10.0	08/09/10 17:16	
2-Fluorobiphenyl (S)	%	81	39-125	08/09/10 17:16	
Terphenyl-d14 (S)	%	102	30-150	08/09/10 17:16	

LABORATORY CONTROL SAMPLE: 832310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	33.3	26.6	80	50-125	
Acenaphthylene	ug/kg	33.3	25.2	76	51-125	
Anthracene	ug/kg	33.3	26.6	80	45-125	
Benzo(a)anthracene	ug/kg	33.3	28.2	85	47-125	
Benzo(a)pyrene	ug/kg	33.3	26.5	80	50-125	
Benzo(b)fluoranthene	ug/kg	33.3	23.8	71	51-125	
Benzo(g,h,i)perylene	ug/kg	33.3	26.7	80	30-131	
Benzo(k)fluoranthene	ug/kg	33.3	30.1	90	48-137	
Chrysene	ug/kg	33.3	26.5	80	48-127	
Dibenz(a,h)anthracene	ug/kg	33.3	24.7	74	37-128	
Fluoranthene	ug/kg	33.3	26.7	80	51-125	
Fluorene	ug/kg	33.3	27.0	81	47-125	
Indeno(1,2,3-cd)pyrene	ug/kg	33.3	25.2	76	38-125	
Naphthalene	ug/kg	33.3	26.6	80	45-125	
Phenanthrene	ug/kg	33.3	27.4	82	48-125	
Pyrene	ug/kg	33.3	26.7	80	47-125	
2-Fluorobiphenyl (S)	%			80	39-125	
Terphenyl-d14 (S)	%			87	30-150	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832311 832312

Parameter	Units	10134892001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acenaphthene	ug/kg	ND	34.7	34.7	28.5	26.1	82	75	30-150	9	30	
Acenaphthylene	ug/kg	ND	34.7	34.7	27.0	25.6	78	74	30-150	6	30	
Anthracene	ug/kg	ND	34.7	34.7	27.8	23.5	80	68	30-150	17	30	
Benzo(a)anthracene	ug/kg	11.8	34.7	34.7	41.1	36.2	84	70	30-150	13	30	
Benzo(a)pyrene	ug/kg	ND	34.7	34.7	29.3	26.4	84	76	30-150	11	30	
Benzo(b)fluoranthene	ug/kg	15.5	34.7	34.7	31.4	26.4	46	31	30-150	17	30	
Benzo(g,h,i)perylene	ug/kg	ND	34.7	34.7	28.6	25.6	82	74	30-150	11	30	
Benzo(k)fluoranthene	ug/kg	ND	34.7	34.7	30.0	27.6	86	79	30-150	9	30	
Chrysene	ug/kg	ND	34.7	34.7	28.0	24.9	80	72	30-150	12	30	
Dibenz(a,h)anthracene	ug/kg	ND	34.7	34.7	31.7	27.9	91	80	30-150	13	30	
Fluoranthene	ug/kg	ND	34.7	34.7	31.9	28.7	92	83	30-150	10	30	
Fluorene	ug/kg	ND	34.7	34.7	30.2	27.6	87	79	30-150	9	30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	34.7	34.7	31.8	28.2	92	81	30-150	12	30	
Naphthalene	ug/kg	ND	34.7	34.7	28.7	27.1	83	78	30-150	6	30	
Phenanthrene	ug/kg	ND	34.7	34.7	34.2	30.5	98	88	30-150	11	30	
Pyrene	ug/kg	ND	34.7	34.7	30.9	27.5	89	79	30-150	12	30	
2-Fluorobiphenyl (S)	%						82	77	39-125			
Terphenyl-d14 (S)	%						86	79	30-150			

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: OEXT/13472 | Analysis Method: EPA 8270
QC Batch Method: EPA 3520 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 832569 | Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
1,2-Dichlorobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
1,2-Diphenylhydrazine	ug/L	ND	10.0	08/04/10 12:58	M5
1,3-Dichlorobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
1,4-Dichlorobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
1-Methylnaphthalene	ug/L	ND	10.0	08/04/10 12:58	M5
2,4,5-Trichlorophenol	ug/L	ND	50.0	08/04/10 12:58	M5
2,4,6-Trichlorophenol	ug/L	ND	10.0	08/04/10 12:58	M5
2,4-Dichlorophenol	ug/L	ND	10.0	08/04/10 12:58	M5
2,4-Dimethylphenol	ug/L	ND	10.0	08/04/10 12:58	M5
2,4-Dinitrophenol	ug/L	ND	50.0	08/04/10 12:58	M5
2,4-Dinitrotoluene	ug/L	ND	10.0	08/04/10 12:58	M5
2,6-Dinitrotoluene	ug/L	ND	10.0	08/04/10 12:58	M5
2-Chloronaphthalene	ug/L	ND	10.0	08/04/10 12:58	M5
2-Chlorophenol	ug/L	ND	10.0	08/04/10 12:58	M5
2-Methylnaphthalene	ug/L	ND	10.0	08/04/10 12:58	M5
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	08/04/10 12:58	M5
2-Nitroaniline	ug/L	ND	50.0	08/04/10 12:58	M5
2-Nitrophenol	ug/L	ND	10.0	08/04/10 12:58	M5
3&4-Methylphenol	ug/L	ND	20.0	08/04/10 12:58	M5
3,3'-Dichlorobenzidine	ug/L	ND	20.0	08/04/10 12:58	M5
3-Nitroaniline	ug/L	ND	50.0	08/04/10 12:58	M5
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	08/04/10 12:58	M5
4-Bromophenylphenyl ether	ug/L	ND	10.0	08/04/10 12:58	M5
4-Chloro-3-methylphenol	ug/L	ND	10.0	08/04/10 12:58	M5
4-Chloroaniline	ug/L	ND	50.0	08/04/10 12:58	M5
4-Chlorophenylphenyl ether	ug/L	ND	10.0	08/04/10 12:58	M5
4-Nitroaniline	ug/L	ND	50.0	08/04/10 12:58	M5
4-Nitrophenol	ug/L	ND	50.0	08/04/10 12:58	M5
Acenaphthene	ug/L	ND	10.0	08/04/10 12:58	M5
Acenaphthylene	ug/L	ND	10.0	08/04/10 12:58	M5
Anthracene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzidine	ug/L	ND	50.0	08/04/10 12:58	M5
Benzo(a)anthracene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzo(a)pyrene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzo(b)fluoranthene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzo(g,h,i)perylene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzo(k)fluoranthene	ug/L	ND	10.0	08/04/10 12:58	M5
Benzoic acid	ug/L	ND	50.0	08/04/10 12:58	M5
Benzyl alcohol	ug/L	ND	10.0	08/04/10 12:58	M5
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	08/04/10 12:58	M5
bis(2-Chloroethyl) ether	ug/L	ND	10.0	08/04/10 12:58	M5
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	08/04/10 12:58	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

METHOD BLANK: 832569 Matrix: Water

Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Butylbenzylphthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Carbazole	ug/L	ND	10.0	08/04/10 12:58	M5
Chrysene	ug/L	ND	10.0	08/04/10 12:58	M5
Di-n-butylphthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Di-n-octylphthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Dibenz(a,h)anthracene	ug/L	ND	10.0	08/04/10 12:58	M5
Dibenzofuran	ug/L	ND	10.0	08/04/10 12:58	M5
Diethylphthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Dimethylphthalate	ug/L	ND	10.0	08/04/10 12:58	M5
Fluoranthene	ug/L	ND	10.0	08/04/10 12:58	M5
Fluorene	ug/L	ND	10.0	08/04/10 12:58	M5
Hexachloro-1,3-butadiene	ug/L	ND	10.0	08/04/10 12:58	M5
Hexachlorobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
Hexachlorocyclopentadiene	ug/L	ND	50.0	08/04/10 12:58	M5
Hexachloroethane	ug/L	ND	10.0	08/04/10 12:58	M5
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	08/04/10 12:58	M5
Isophorone	ug/L	ND	10.0	08/04/10 12:58	M5
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	08/04/10 12:58	M5
N-Nitrosodimethylamine	ug/L	ND	10.0	08/04/10 12:58	M5
N-Nitrosodiphenylamine	ug/L	ND	10.0	08/04/10 12:58	M5
Naphthalene	ug/L	ND	10.0	08/04/10 12:58	M5
Nitrobenzene	ug/L	ND	10.0	08/04/10 12:58	M5
Pentachlorophenol	ug/L	ND	23.0	08/04/10 12:58	M5
Phenanthrene	ug/L	ND	10.0	08/04/10 12:58	M5
Phenol	ug/L	ND	10.0	08/04/10 12:58	M5
Pyrene	ug/L	ND	10.0	08/04/10 12:58	M5
Pyridine	ug/L	ND	50.0	08/04/10 12:58	M5
2,4,6-Tribromophenol (S)	%	92	58-125	08/04/10 12:58	M5
2-Fluorobiphenyl (S)	%	82	56-125	08/04/10 12:58	M5
2-Fluorophenol (S)	%	80	54-125	08/04/10 12:58	M5
Nitrobenzene-d5 (S)	%	85	53-125	08/04/10 12:58	M5
Phenol-d6 (S)	%	84	56-125	08/04/10 12:58	M5
Terphenyl-d14 (S)	%	86	61-125	08/04/10 12:58	M5

LABORATORY CONTROL SAMPLE & LCSD: 832570 832571

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.9	42.8	84	86	61-125	2	20	M5
1,2-Dichlorobenzene	ug/L	50	40.8	41.1	82	82	59-125	.7	20	M5
1,2-Diphenylhydrazine	ug/L	50	44.6	43.2	89	86	69-125	3	20	M5
1,3-Dichlorobenzene	ug/L	50	39.9	40.0	80	80	59-125	.2	20	M5
1,4-Dichlorobenzene	ug/L	50	40.1	40.3	80	81	60-125	.6	20	M5
1-Methylnaphthalene	ug/L	50	42.3	42.0	85	84	69-125	.8	20	M5
2,4,5-Trichlorophenol	ug/L	50	44.9J	43.2J	90	86	67-125		20	D7,M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE & LCSD: 832570 832571

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/L	50	45.0	44.2	90	88	64-125	2	20	M5
2,4-Dichlorophenol	ug/L	50	42.8	42.5	86	85	62-125	.9	20	M5
2,4-Dimethylphenol	ug/L	50	37.8	36.8	76	74	50-125	3	20	M5
2,4-Dinitrophenol	ug/L	50	35.7J	35.7J	71	71	30-150		20	D7,M5
2,4-Dinitrotoluene	ug/L	50	45.2	43.7	90	87	65-125	3	20	M5
2,6-Dinitrotoluene	ug/L	50	45.0	43.9	90	88	66-125	3	20	M5
2-Chloronaphthalene	ug/L	50	44.4	43.7	89	87	68-125	2	20	M5
2-Chlorophenol	ug/L	50	40.9	40.8	82	82	62-125	.4	20	M5
2-Methylnaphthalene	ug/L	50	43.5	42.8	87	86	65-125	2	20	M5
2-Methylphenol(o-Cresol)	ug/L	50	39.5	39.0	79	78	60-125	1	20	M5
2-Nitroaniline	ug/L	50	43.8J	42.9J	88	86	68-125		20	D7,M5
2-Nitrophenol	ug/L	50	42.3	41.5	85	83	62-125	2	20	M5
3&4-Methylphenol	ug/L	50	41.0	40.7	82	81	61-125	.7	20	M5
3,3'-Dichlorobenzidine	ug/L	50	46.7	45.9	93	92	44-148	2	20	M5
3-Nitroaniline	ug/L	50	43.9J	42.6J	88	85	42-144		20	D7,M5
4,6-Dinitro-2-methylphenol	ug/L	50	43.4J	42.3J	87	85	43-143		20	D7,M5
4-Bromophenylphenyl ether	ug/L	50	46.2	44.8	92	90	69-125	3	20	M5
4-Chloro-3-methylphenol	ug/L	50	43.5	42.5	87	85	63-125	2	20	M5
4-Chloroaniline	ug/L	50	38.6J	39.7J	77	79	30-125		20	D7,M5
4-Chlorophenylphenyl ether	ug/L	50	47.1	46.1	94	92	66-125	2	20	M5
4-Nitroaniline	ug/L	50	42.5J	41.9J	85	84	61-125		20	D7,M5
4-Nitrophenol	ug/L	50	38.5J	38.2J	77	76	64-125		20	D7,M5
Acenaphthene	ug/L	50	44.4	44.6	89	89	65-125	.5	20	M5
Acenaphthylene	ug/L	50	45.0	44.3	90	89	65-125	2	20	M5
Anthracene	ug/L	50	45.2	44.7	90	89	68-125	1	20	M5
Benzidine	ug/L	50	ND	ND	0	0	30-125		20	D7,L0,M5
Benzo(a)anthracene	ug/L	50	44.1	43.8	88	88	68-125	.6	20	M5
Benzo(a)pyrene	ug/L	50	45.0	43.7	90	87	65-125	3	20	M5
Benzo(b)fluoranthene	ug/L	50	45.0	44.9	90	90	60-125	.2	20	M5
Benzo(g,h,i)perylene	ug/L	50	44.9	44.2	90	88	65-125	1	20	M5
Benzo(k)fluoranthene	ug/L	50	47.6	46.7	95	93	68-125	2	20	M5
Benzoic acid	ug/L	50	ND	ND	27	33	30-125		20	D7,L0,M5
Benzyl alcohol	ug/L	50	37.4	37.0	75	74	55-125	.9	20	M5
bis(2-Chloroethoxy)methane	ug/L	50	40.9	40.5	82	81	66-125	1	20	M5
bis(2-Chloroethyl) ether	ug/L	50	40.3	39.4	81	79	57-125	2	20	M5
bis(2-Chloroisopropyl) ether	ug/L	50	41.0	40.9	82	82	51-125	.4	20	M5
bis(2-Ethylhexyl)phthalate	ug/L	50	43.7	43.2	87	86	64-129	1	20	M5
Butylbenzylphthalate	ug/L	50	43.8	42.7	88	85	67-125	2	20	M5
Carbazole	ug/L	50	44.8	44.1	90	88	71-125	2	20	M5
Chrysene	ug/L	50	43.6	42.7	87	85	68-125	2	20	M5
Di-n-butylphthalate	ug/L	50	45.8	45.0	92	90	67-125	2	20	M5
Di-n-octylphthalate	ug/L	50	46.9	45.9	94	92	66-125	2	20	M5
Dibenz(a,h)anthracene	ug/L	50	45.4	44.8	91	90	66-125	1	20	M5
Dibenzofuran	ug/L	50	44.7	43.7	89	87	68-125	2	20	M5
Diethylphthalate	ug/L	50	46.6	45.2	93	90	65-125	3	20	M5
Dimethylphthalate	ug/L	50	45.4	44.5	91	89	67-125	2	20	M5
Fluoranthene	ug/L	50	46.0	45.0	92	90	66-125	2	20	M5
Fluorene	ug/L	50	47.1	45.6	94	91	66-125	3	20	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE & LCSD: 832570 832571

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	50	43.9	44.4	88	89	56-125	1	20	M5
Hexachlorobenzene	ug/L	50	46.4	45.5	93	91	68-125	2	20	M5
Hexachlorocyclopentadiene	ug/L	50	ND	ND	45	44	30-125		20	D7,M5
Hexachloroethane	ug/L	50	41.2	40.8	82	82	52-125	1	20	M5
Indeno(1,2,3-cd)pyrene	ug/L	50	45.1	44.1	90	88	64-125	2	20	M5
Isophorone	ug/L	50	41.5	40.6	83	81	66-125	2	20	M5
N-Nitroso-di-n-propylamine	ug/L	50	40.6	40.0	81	80	58-125	1	20	M5
N-Nitrosodimethylamine	ug/L	50	34.8	34.9	70	70	63-125	.2	20	M5
N-Nitrosodiphenylamine	ug/L	50	43.9	42.7	88	85	67-125	3	20	M5
Naphthalene	ug/L	50	42.8	42.8	86	86	60-125	.006	20	M5
Nitrobenzene	ug/L	50	41.8	40.8	84	82	60-125	3	20	M5
Pentachlorophenol	ug/L	50	26.3	26.0	53	52	46-131	1	20	M5
Phenanthrene	ug/L	50	45.9	44.8	92	90	69-125	3	20	M5
Phenol	ug/L	50	39.7	39.3	79	79	64-125	1	20	M5
Pyrene	ug/L	50	45.6	44.5	91	89	70-125	2	20	M5
Pyridine	ug/L	50	ND	ND	.8	1	30-125		20	D7,L0,M5
2,4,6-Tribromophenol (S)	%				86	83	58-125			M5
2-Fluorobiphenyl (S)	%				83	81	56-125			M5
2-Fluorophenol (S)	%				77	75	54-125			M5
Nitrobenzene-d5 (S)	%				80	79	53-125			M5
Phenol-d6 (S)	%				78	76	56-125			M5
Terphenyl-d14 (S)	%				84	82	61-125			M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MSV/15106 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV 5030 Med Level
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004, 10134892007

METHOD BLANK: 833331 Matrix: Solid
Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004, 10134892007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1,1-Trichloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1,2-Trichloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1-Dichloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,1-Dichloroethene	ug/kg	ND	50.0	08/05/10 18:10	
1,1-Dichloropropene	ug/kg	ND	50.0	08/05/10 18:10	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,2,3-Trichloropropane	ug/kg	ND	50.0	08/05/10 18:10	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,2-Dibromo-3-chloropropane	ug/kg	ND	200	08/05/10 18:10	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	08/05/10 18:10	
1,2-Dichlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,2-Dichloroethane	ug/kg	ND	50.0	08/05/10 18:10	
1,2-Dichloropropane	ug/kg	ND	50.0	08/05/10 18:10	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,3-Dichlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
1,3-Dichloropropane	ug/kg	ND	50.0	08/05/10 18:10	
1,4-Dichlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
2,2-Dichloropropane	ug/kg	ND	200	08/05/10 18:10	CL
2-Butanone (MEK)	ug/kg	ND	500	08/05/10 18:10	
2-Chlorotoluene	ug/kg	ND	50.0	08/05/10 18:10	
4-Chlorotoluene	ug/kg	ND	50.0	08/05/10 18:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	08/05/10 18:10	
Acetone	ug/kg	ND	500	08/05/10 18:10	
Allyl chloride	ug/kg	ND	200	08/05/10 18:10	
Benzene	ug/kg	ND	20.0	08/05/10 18:10	
Bromobenzene	ug/kg	ND	50.0	08/05/10 18:10	
Bromochloromethane	ug/kg	ND	50.0	08/05/10 18:10	
Bromodichloromethane	ug/kg	ND	50.0	08/05/10 18:10	
Bromoform	ug/kg	ND	400	08/05/10 18:10	
Bromomethane	ug/kg	ND	500	08/05/10 18:10	
Carbon tetrachloride	ug/kg	ND	200	08/05/10 18:10	
Chlorobenzene	ug/kg	ND	50.0	08/05/10 18:10	
Chloroethane	ug/kg	ND	500	08/05/10 18:10	
Chloroform	ug/kg	ND	50.0	08/05/10 18:10	
Chloromethane	ug/kg	ND	200	08/05/10 18:10	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/05/10 18:10	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	08/05/10 18:10	
Dibromochloromethane	ug/kg	ND	50.0	08/05/10 18:10	
Dibromomethane	ug/kg	ND	50.0	08/05/10 18:10	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

METHOD BLANK: 833331 Matrix: Solid

Associated Lab Samples: 10134892001, 10134892002, 10134892003, 10134892004, 10134892007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	50.0	08/05/10 18:10	
Dichlorofluoromethane	ug/kg	ND	50.0	08/05/10 18:10	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	08/05/10 18:10	
Ethylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
Hexachloro-1,3-butadiene	ug/kg	ND	200	08/05/10 18:10	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	08/05/10 18:10	
Methyl-tert-butyl ether	ug/kg	ND	50.0	08/05/10 18:10	
Methylene Chloride	ug/kg	ND	200	08/05/10 18:10	
n-Butylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
n-Propylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
Naphthalene	ug/kg	ND	200	08/05/10 18:10	
p-Isopropyltoluene	ug/kg	ND	50.0	08/05/10 18:10	
sec-Butylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
Styrene	ug/kg	ND	50.0	08/05/10 18:10	
tert-Butylbenzene	ug/kg	ND	50.0	08/05/10 18:10	
Tetrachloroethene	ug/kg	ND	50.0	08/05/10 18:10	
Tetrahydrofuran	ug/kg	ND	500	08/05/10 18:10	
Toluene	ug/kg	ND	50.0	08/05/10 18:10	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	08/05/10 18:10	
trans-1,3-Dichloropropene	ug/kg	ND	50.0	08/05/10 18:10	
Trichloroethene	ug/kg	ND	50.0	08/05/10 18:10	
Trichlorofluoromethane	ug/kg	ND	50.0	08/05/10 18:10	
Vinyl chloride	ug/kg	ND	20.0	08/05/10 18:10	
Xylene (Total)	ug/kg	ND	150	08/05/10 18:10	
1,2-Dichloroethane-d4 (S)	%	91	67-125	08/05/10 18:10	
4-Bromofluorobenzene (S)	%	99	75-132	08/05/10 18:10	
Dibromofluoromethane (S)	%	99	69-127	08/05/10 18:10	
Toluene-d8 (S)	%	106	75-144	08/05/10 18:10	

LABORATORY CONTROL SAMPLE & LCSD: 833332 833333

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1000	729	799	73	80	75-125	9	20	L0
1,1,1-Trichloroethane	ug/kg	1000	625	696	62	70	75-136	11	20	L0
1,1,2,2-Tetrachloroethane	ug/kg	1000	788	887	79	89	70-135	12	20	
1,1,2-Trichloroethane	ug/kg	1000	802	832	80	83	75-126	4	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	746	766	75	77	47-150	3	20	
1,1-Dichloroethane	ug/kg	1000	693	776	69	78	75-130	11	20	L0
1,1-Dichloroethene	ug/kg	1000	722	770	72	77	69-134	6	20	
1,1-Dichloropropene	ug/kg	1000	751	807	75	81	70-130	7	20	
1,2,3-Trichlorobenzene	ug/kg	1000	796	881	80	88	75-141	10	20	
1,2,3-Trichloropropane	ug/kg	1000	808	863	81	86	71-136	7	20	
1,2,4-Trichlorobenzene	ug/kg	1000	798	878	80	88	75-139	10	20	
1,2,4-Trimethylbenzene	ug/kg	1000	806	866	81	87	75-126	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	1000	633	718	63	72	58-150	13	20	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE & LCSD: 833332 833333

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	1000	759	837	76	84	75-128	10	20	
1,2-Dichlorobenzene	ug/kg	1000	816	884	82	88	75-125	8	20	
1,2-Dichloroethane	ug/kg	1000	701	763	70	76	73-130	8	20	L0
1,2-Dichloropropane	ug/kg	1000	694	775	69	78	75-125	11	20	L0
1,3,5-Trimethylbenzene	ug/kg	1000	828	891	83	89	75-125	7	20	
1,3-Dichlorobenzene	ug/kg	1000	797	887	80	89	75-125	11	20	
1,3-Dichloropropane	ug/kg	1000	791	846	79	85	75-125	7	20	
1,4-Dichlorobenzene	ug/kg	1000	833	915	83	91	75-131	9	20	
2,2-Dichloropropane	ug/kg	1000	326	353	33	35	42-150	8	20	CL,L0
2-Butanone (MEK)	ug/kg	1000	733	812	73	81	44-150	10	20	
2-Chlorotoluene	ug/kg	1000	795	854	79	85	75-125	7	20	
4-Chlorotoluene	ug/kg	1000	819	888	82	89	75-125	8	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	1000	588	684	59	68	56-147	15	20	
Acetone	ug/kg	2500	1640	1810	66	72	57-146	9	20	
Allyl chloride	ug/kg	1000	645	652	64	65	75-128	1	20	L0
Benzene	ug/kg	1000	759	827	76	83	69-134	9	20	
Bromobenzene	ug/kg	1000	846	928	85	93	75-125	9	20	
Bromochloromethane	ug/kg	1000	796	853	80	85	75-125	7	20	
Bromodichloromethane	ug/kg	1000	736	816	74	82	75-129	10	20	L0
Bromoform	ug/kg	2000	1560	1700	78	85	73-141	8	20	
Bromomethane	ug/kg	1000	896	824	90	82	71-142	8	20	
Carbon tetrachloride	ug/kg	1000	610	663	61	66	73-141	8	20	L0
Chlorobenzene	ug/kg	1000	843	897	84	90	75-125	6	20	
Chloroethane	ug/kg	1000	950	911	95	91	65-137	4	20	
Chloroform	ug/kg	1000	749	808	75	81	75-127	8	20	
Chloromethane	ug/kg	1000	574	577	57	58	60-125	.6	20	L0
cis-1,2-Dichloroethene	ug/kg	1000	753	827	75	83	75-129	9	20	
cis-1,3-Dichloropropene	ug/kg	1000	616	686	62	69	75-134	11	20	L0
Dibromochloromethane	ug/kg	1000	801	862	80	86	75-129	7	20	
Dibromomethane	ug/kg	1000	770	864	77	86	75-127	11	20	
Dichlorodifluoromethane	ug/kg	1000	511	494	51	49	36-134	3	20	
Dichlorofluoromethane	ug/kg	1000	719	771	72	77	53-142	7	20	
Diethyl ether (Ethyl ether)	ug/kg	1000	733	795	73	80	64-131	8	20	
Ethylbenzene	ug/kg	1000	814	862	81	86	75-125	6	20	
Hexachloro-1,3-butadiene	ug/kg	1000	878	936	88	94	70-150	6	20	
Isopropylbenzene (Cumene)	ug/kg	1000	805	866	80	87	75-127	7	20	
Methyl-tert-butyl ether	ug/kg	1000	615	678	62	68	69-138	10	20	L0
Methylene Chloride	ug/kg	1000	723	768	72	77	69-130	6	20	
n-Butylbenzene	ug/kg	1000	799	883	80	88	75-135	10	20	
n-Propylbenzene	ug/kg	1000	823	887	82	89	75-125	7	20	
Naphthalene	ug/kg	1000	779	879	78	88	75-142	12	20	
p-Isopropyltoluene	ug/kg	1000	821	884	82	88	75-133	7	20	
sec-Butylbenzene	ug/kg	1000	829	895	83	89	75-129	8	20	
Styrene	ug/kg	1000	807	879	81	88	75-125	9	20	
tert-Butylbenzene	ug/kg	1000	783	844	78	84	75-128	8	20	
Tetrachloroethene	ug/kg	1000	849	884	85	88	75-130	4	20	
Tetrahydrofuran	ug/kg	10000	6420	6920	64	69	53-136	7	20	
Toluene	ug/kg	1000	827	867	83	87	75-125	5	20	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE & LCSD: 833332 833333

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/kg	1000	763	860	76	86	75-132	12	20	
trans-1,3-Dichloropropene	ug/kg	1000	529	578	53	58	75-128	9	20	L0
Trichloroethene	ug/kg	1000	766	881	77	88	75-125	14	20	
Trichlorofluoromethane	ug/kg	1000	739	688	74	69	35-150	7	20	
Vinyl chloride	ug/kg	1000	688	677	69	68	60-126	2	20	
Xylene (Total)	ug/kg	3000	2450	2630	82	88	75-125	7	20	
1,2-Dichloroethane-d4 (S)	%				90	87	67-125			
4-Bromofluorobenzene (S)	%				93	95	75-132			
Dibromofluoromethane (S)	%				96	93	69-127			
Toluene-d8 (S)	%				103	100	75-144			

MATRIX SPIKE SAMPLE: 833334

Parameter	Units	10134801011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1140	1020	90	49-150	
1,1,1-Trichloroethane	ug/kg	ND	1140	889	78	58-150	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1140	1120	99	54-146	
1,1,2-Trichloroethane	ug/kg	ND	1140	1050	92	48-154	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1140	1060	93	47-150	
1,1-Dichloroethane	ug/kg	ND	1140	958	84	57-143	
1,1-Dichloroethene	ug/kg	ND	1140	983	86	52-150	
1,1-Dichloropropene	ug/kg	ND	1140	1040	92	58-147	
1,2,3-Trichlorobenzene	ug/kg	ND	1140	1060	93	36-150	
1,2,3-Trichloropropane	ug/kg	ND	1140	1070	94	56-147	
1,2,4-Trichlorobenzene	ug/kg	ND	1140	1090	96	30-150	
1,2,4-Trimethylbenzene	ug/kg	ND	1140	1080	95	38-150	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1140	881	78	30-150	
1,2-Dibromoethane (EDB)	ug/kg	ND	1140	1010	89	53-144	
1,2-Dichlorobenzene	ug/kg	ND	1140	1120	98	45-150	
1,2-Dichloroethane	ug/kg	ND	1140	946	83	39-150	
1,2-Dichloropropane	ug/kg	ND	1140	971	85	60-135	
1,3,5-Trimethylbenzene	ug/kg	ND	1140	1120	98	30-150	
1,3-Dichlorobenzene	ug/kg	ND	1140	1120	99	42-150	
1,3-Dichloropropane	ug/kg	ND	1140	1030	91	62-129	
1,4-Dichlorobenzene	ug/kg	ND	1140	1120	98	45-150	
2,2-Dichloropropane	ug/kg	ND	1140	460	40	30-150	CL
2-Butanone (MEK)	ug/kg	ND	1140	895	79	37-150	
2-Chlorotoluene	ug/kg	ND	1140	1070	94	30-150	
4-Chlorotoluene	ug/kg	ND	1140	1110	97	40-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1140	780	69	45-150	
Acetone	ug/kg	ND	2840	2050	72	30-150	
Allyl chloride	ug/kg	ND	1140	854	75	30-150	
Benzene	ug/kg	ND	1140	1040	92	57-140	
Bromobenzene	ug/kg	ND	1140	1140	100	57-141	
Bromochloromethane	ug/kg	ND	1140	1080	95	58-140	
Bromodichloromethane	ug/kg	ND	1140	1030	91	54-146	
Bromoform	ug/kg	ND	2270	2080	92	35-150	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

MATRIX SPIKE SAMPLE: 833334

Parameter	Units	10134801011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	ND	1140	1210	106	30-150	
Carbon tetrachloride	ug/kg	ND	1140	890	78	34-150	
Chlorobenzene	ug/kg	ND	1140	1120	99	54-142	
Chloroethane	ug/kg	ND	1140	1050	92	30-150	
Chloroform	ug/kg	ND	1140	1020	90	60-136	
Chloromethane	ug/kg	ND	1140	688	61	44-129	
cis-1,2-Dichloroethene	ug/kg	ND	1140	1020	89	54-144	
cis-1,3-Dichloropropene	ug/kg	ND	1140	870	77	52-141	
Dibromochloromethane	ug/kg	ND	1140	1070	94	43-150	
Dibromomethane	ug/kg	ND	1140	1030	91	55-139	
Dichlorodifluoromethane	ug/kg	ND	1140	541	48	30-150	
Dichlorofluoromethane	ug/kg	ND	1140	951	84	53-142	
Diethyl ether (Ethyl ether)	ug/kg	ND	1140	960	84	59-135	
Ethylbenzene	ug/kg	ND	1140	1090	96	51-150	
Hexachloro-1,3-butadiene	ug/kg	ND	1140	1190	105	30-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1140	1090	96	41-150	
Methyl-tert-butyl ether	ug/kg	ND	1140	842	74	52-139	
Methylene Chloride	ug/kg	ND	1140	941	83	56-138	
n-Butylbenzene	ug/kg	ND	1140	1120	99	30-150	
n-Propylbenzene	ug/kg	ND	1140	1110	98	30-150	
Naphthalene	ug/kg	ND	1140	1070	94	30-150	
p-Isopropyltoluene	ug/kg	ND	1140	1120	98	30-150	
sec-Butylbenzene	ug/kg	ND	1140	1120	99	30-150	
Styrene	ug/kg	ND	1140	1080	95	40-150	
tert-Butylbenzene	ug/kg	ND	1140	1050	93	61-150	
Tetrachloroethene	ug/kg	ND	1140	1140	100	30-150	
Tetrahydrofuran	ug/kg	ND	11400	8320	73	53-136	
Toluene	ug/kg	ND	1140	1080	95	50-146	
trans-1,2-Dichloroethene	ug/kg	ND	1140	1060	93	58-139	
trans-1,3-Dichloropropene	ug/kg	ND	1140	762	67	43-146	
Trichloroethene	ug/kg	ND	1140	1080	95	30-150	
Trichlorofluoromethane	ug/kg	ND	1140	934	82	30-150	
Vinyl chloride	ug/kg	ND	1140	782	69	45-142	
Xylene (Total)	ug/kg	ND	3410	3290	96	43-150	
1,2-Dichloroethane-d4 (S)	%				75	67-125	
4-Bromofluorobenzene (S)	%				84	75-132	
Dibromofluoromethane (S)	%				83	69-127	
Toluene-d8 (S)	%				88	75-144	

SAMPLE DUPLICATE: 833335

Parameter	Units	10134801012 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

SAMPLE DUPLICATE: 833335

Parameter	Units	10134801012 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	CL
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Allyl chloride	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Dichlorofluoromethane	ug/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

SAMPLE DUPLICATE: 833335

Parameter	Units	10134801012 Result	Dup Result	RPD	Max RPD	Qualifiers
Naphthalene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Tetrahydrofuran	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	100	94	5		
4-Bromofluorobenzene (S)	%	113	98	12		
Dibromofluoromethane (S)	%	109	103	5		
Toluene-d8 (S)	%	117	107	8		

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MSV/15088 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 465 W
Associated Lab Samples: 10134892008

METHOD BLANK: 832530 | Matrix: Water
Associated Lab Samples: 10134892008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1,1-Trichloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1,2-Trichloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1-Dichloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,1-Dichloroethene	ug/L	ND	1.0	08/03/10 14:56	M5
1,1-Dichloropropene	ug/L	ND	1.0	08/03/10 14:56	M5
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,2,3-Trichloropropane	ug/L	ND	1.0	08/03/10 14:56	M5
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	08/03/10 14:56	M5
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/03/10 14:56	M5
1,2-Dichlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,2-Dichloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
1,2-Dichloropropane	ug/L	ND	1.0	08/03/10 14:56	M5
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,3-Dichlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
1,3-Dichloropropane	ug/L	ND	1.0	08/03/10 14:56	M5
1,4-Dichlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
2,2-Dichloropropane	ug/L	ND	4.0	08/03/10 14:56	M5
2-Butanone (MEK)	ug/L	ND	4.0	08/03/10 14:56	M5
2-Chlorotoluene	ug/L	ND	1.0	08/03/10 14:56	M5
4-Chlorotoluene	ug/L	ND	1.0	08/03/10 14:56	M5
4-Methyl-2-pentanone (MIBK)	ug/L	ND	4.0	08/03/10 14:56	M5
Acetone	ug/L	ND	10.0	08/03/10 14:56	M5
Allyl chloride	ug/L	ND	4.0	08/03/10 14:56	M5
Benzene	ug/L	ND	1.0	08/03/10 14:56	M5
Bromobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Bromochloromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Bromodichloromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Bromoform	ug/L	ND	8.0	08/03/10 14:56	M5
Bromomethane	ug/L	ND	4.0	08/03/10 14:56	M5
Carbon tetrachloride	ug/L	ND	4.0	08/03/10 14:56	M5
Chlorobenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Chloroethane	ug/L	ND	1.0	08/03/10 14:56	M5
Chloroform	ug/L	ND	1.0	08/03/10 14:56	M5
Chloromethane	ug/L	ND	4.0	08/03/10 14:56	M5
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/03/10 14:56	M5
cis-1,3-Dichloropropene	ug/L	ND	4.0	08/03/10 14:56	M5
Dibromochloromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Dibromomethane	ug/L	ND	4.0	08/03/10 14:56	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

METHOD BLANK: 832530 Matrix: Water

Associated Lab Samples: 10134892008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Dichlorofluoromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	08/03/10 14:56	M5
Ethylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Hexachloro-1,3-butadiene	ug/L	ND	4.0	08/03/10 14:56	M5
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/03/10 14:56	M5
m&p-Xylene	ug/L	ND	2.0	08/03/10 14:56	M5
Methyl-tert-butyl ether	ug/L	ND	1.0	08/03/10 14:56	M5
Methylene Chloride	ug/L	ND	4.0	08/03/10 14:56	M5
n-Butylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
n-Propylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Naphthalene	ug/L	ND	4.0	08/03/10 14:56	M5
o-Xylene	ug/L	ND	1.0	08/03/10 14:56	M5
p-Isopropyltoluene	ug/L	ND	1.0	08/03/10 14:56	M5
sec-Butylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Styrene	ug/L	ND	1.0	08/03/10 14:56	M5
tert-Butylbenzene	ug/L	ND	1.0	08/03/10 14:56	M5
Tetrachloroethene	ug/L	ND	1.0	08/03/10 14:56	M5
Tetrahydrofuran	ug/L	ND	10.0	08/03/10 14:56	M5
Toluene	ug/L	ND	1.0	08/03/10 14:56	M5
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/03/10 14:56	M5
trans-1,3-Dichloropropene	ug/L	ND	4.0	08/03/10 14:56	M5
Trichloroethene	ug/L	ND	1.0	08/03/10 14:56	M5
Trichlorofluoromethane	ug/L	ND	1.0	08/03/10 14:56	M5
Vinyl chloride	ug/L	ND	0.40	08/03/10 14:56	M5
Xylene (Total)	ug/L	ND	3.0	08/03/10 14:56	M5
1,2-Dichloroethane-d4 (S)	%	122	75-131	08/03/10 14:56	M5
4-Bromofluorobenzene (S)	%	90	75-125	08/03/10 14:56	M5
Dibromofluoromethane (S)	%	120	75-130	08/03/10 14:56	M5
Toluene-d8 (S)	%	87	75-125	08/03/10 14:56	M5

LABORATORY CONTROL SAMPLE: 832531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.7	109	75-125	M5
1,1,1-Trichloroethane	ug/L	50	50.5	101	68-130	M5
1,1,2,2-Tetrachloroethane	ug/L	50	55.4	111	71-125	M5
1,1,2-Trichloroethane	ug/L	50	55.2	110	75-125	M5
1,1,2-Trichlorotrifluoroethane	ug/L	50	38.7	77	60-141	M5
1,1-Dichloroethane	ug/L	50	48.1	96	75-125	M5
1,1-Dichloroethene	ug/L	50	47.2	94	69-125	M5
1,1-Dichloropropene	ug/L	50	54.4	109	69-125	M5
1,2,3-Trichlorobenzene	ug/L	50	60.7	121	72-129	M5
1,2,3-Trichloropropane	ug/L	50	55.0	110	69-127	M5
1,2,4-Trichlorobenzene	ug/L	50	49.1	98	75-125	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE: 832531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	48.1	96	75-125	M5
1,2-Dibromo-3-chloropropane	ug/L	50	57.3	115	64-135	M5
1,2-Dibromoethane (EDB)	ug/L	50	57.9	116	75-126	M5
1,2-Dichlorobenzene	ug/L	50	56.0	112	75-125	M5
1,2-Dichloroethane	ug/L	50	52.1	104	75-125	M5
1,2-Dichloropropane	ug/L	50	53.9	108	75-125	M5
1,3,5-Trimethylbenzene	ug/L	50	47.9	96	75-125	M5
1,3-Dichlorobenzene	ug/L	50	53.9	108	75-125	M5
1,3-Dichloropropane	ug/L	50	56.1	112	75-125	M5
1,4-Dichlorobenzene	ug/L	50	53.5	107	75-125	M5
2,2-Dichloropropane	ug/L	50	53.0	106	54-149	M5
2-Butanone (MEK)	ug/L	50	48.1	96	55-140	M5
2-Chlorotoluene	ug/L	50	56.8	114	75-125	M5
4-Chlorotoluene	ug/L	50	56.4	113	75-125	M5
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.2	100	65-132	M5
Acetone	ug/L	125	121	97	36-126	M5
Allyl chloride	ug/L	50	49.4	99	64-137	M5
Benzene	ug/L	50	52.6	105	75-125	M5
Bromobenzene	ug/L	50	56.3	113	75-125	M5
Bromochloromethane	ug/L	50	52.2	104	75-125	M5
Bromodichloromethane	ug/L	50	54.1	108	75-125	M5
Bromoform	ug/L	50	59.1	118	72-131	M5
Bromomethane	ug/L	50	46.5	93	30-150	M5
Carbon tetrachloride	ug/L	50	50.2	100	61-140	M5
Chlorobenzene	ug/L	50	53.6	107	75-125	M5
Chloroethane	ug/L	50	46.3	93	56-137	M5
Chloroform	ug/L	50	50.2	100	75-125	M5
Chloromethane	ug/L	50	45.6	91	62-128	M5
cis-1,2-Dichloroethene	ug/L	50	54.1	108	75-125	M5
cis-1,3-Dichloropropene	ug/L	50	58.8	118	75-125	M5
Dibromochloromethane	ug/L	50	56.5	113	75-125	M5
Dibromomethane	ug/L	50	56.3	113	75-125	M5
Dichlorodifluoromethane	ug/L	50	41.4	83	54-141	M5
Dichlorofluoromethane	ug/L	50	45.9	92	70-128	M5
Diethyl ether (Ethyl ether)	ug/L	50	50.7	101	75-125	M5
Ethylbenzene	ug/L	50	57.5	115	75-125	M5
Hexachloro-1,3-butadiene	ug/L	25	25.1	101	68-133	M5
Isopropylbenzene (Cumene)	ug/L	50	47.0	94	75-125	M5
m&p-Xylene	ug/L	100	114	114	75-125	M5
Methyl-tert-butyl ether	ug/L	50	51.7	103	73-132	M5
Methylene Chloride	ug/L	50	47.8	96	74-125	M5
n-Butylbenzene	ug/L	50	44.1	88	75-125	M5
n-Propylbenzene	ug/L	50	55.6	111	75-125	M5
Naphthalene	ug/L	50	51.8	104	69-130	M5
o-Xylene	ug/L	50	49.4	99	75-125	M5
p-Isopropyltoluene	ug/L	50	45.9	92	75-125	M5
sec-Butylbenzene	ug/L	50	45.1	90	75-125	M5
Styrene	ug/L	50	50.0	100	75-125	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE: 832531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	48.1	96	73-125	M5
Tetrachloroethene	ug/L	50	52.8	106	72-125	M5
Tetrahydrofuran	ug/L	500	541	108	64-135	M5
Toluene	ug/L	50	55.5	111	75-125	M5
trans-1,2-Dichloroethene	ug/L	50	46.3	93	70-125	M5
trans-1,3-Dichloropropene	ug/L	50	60.0	120	75-125	M5
Trichloroethene	ug/L	50	54.8	110	75-125	M5
Trichlorofluoromethane	ug/L	50	47.0	94	68-132	M5
Vinyl chloride	ug/L	50	47.8	96	62-132	M5
Xylene (Total)	ug/L	150	163	109	75-125	M5
1,2-Dichloroethane-d4 (S)	%			91	75-131	M5
4-Bromofluorobenzene (S)	%			98	75-125	M5
Dibromofluoromethane (S)	%			89	75-130	M5
Toluene-d8 (S)	%			99	75-125	M5

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

QC Batch: MSV/15089 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 465 W
Associated Lab Samples: 10134892005, 10134892006

METHOD BLANK: 832565 | Matrix: Water
Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1-Dichloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,1-Dichloroethene	ug/L	ND	1.0	08/03/10 12:53	
1,1-Dichloropropene	ug/L	ND	1.0	08/03/10 12:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/03/10 12:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/03/10 12:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	08/03/10 12:53	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/03/10 12:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
1,2-Dichloroethane	ug/L	ND	1.0	08/03/10 12:53	
1,2-Dichloropropane	ug/L	ND	1.0	08/03/10 12:53	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/03/10 12:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
1,3-Dichloropropane	ug/L	ND	1.0	08/03/10 12:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
2,2-Dichloropropane	ug/L	ND	4.0	08/03/10 12:53	
2-Butanone (MEK)	ug/L	ND	4.0	08/03/10 12:53	
2-Chlorotoluene	ug/L	ND	1.0	08/03/10 12:53	
4-Chlorotoluene	ug/L	ND	1.0	08/03/10 12:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	4.0	08/03/10 12:53	
Acetone	ug/L	ND	10.0	08/03/10 12:53	
Allyl chloride	ug/L	ND	4.0	08/03/10 12:53	
Benzene	ug/L	ND	1.0	08/03/10 12:53	
Bromobenzene	ug/L	ND	1.0	08/03/10 12:53	
Bromochloromethane	ug/L	ND	1.0	08/03/10 12:53	
Bromodichloromethane	ug/L	ND	1.0	08/03/10 12:53	
Bromoform	ug/L	ND	8.0	08/03/10 12:53	
Bromomethane	ug/L	ND	4.0	08/03/10 12:53	
Carbon tetrachloride	ug/L	ND	4.0	08/03/10 12:53	
Chlorobenzene	ug/L	ND	1.0	08/03/10 12:53	
Chloroethane	ug/L	ND	1.0	08/03/10 12:53	
Chloroform	ug/L	ND	1.0	08/03/10 12:53	
Chloromethane	ug/L	ND	4.0	08/03/10 12:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/03/10 12:53	
cis-1,3-Dichloropropene	ug/L	ND	4.0	08/03/10 12:53	
Dibromochloromethane	ug/L	ND	1.0	08/03/10 12:53	
Dibromomethane	ug/L	ND	4.0	08/03/10 12:53	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

METHOD BLANK: 832565 Matrix: Water

Associated Lab Samples: 10134892005, 10134892006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	08/03/10 12:53	
Dichlorofluoromethane	ug/L	ND	1.0	08/03/10 12:53	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	08/03/10 12:53	
Ethylbenzene	ug/L	ND	1.0	08/03/10 12:53	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	08/03/10 12:53	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/03/10 12:53	
m&p-Xylene	ug/L	ND	2.0	08/03/10 12:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/03/10 12:53	
Methylene Chloride	ug/L	ND	4.0	08/03/10 12:53	
n-Butylbenzene	ug/L	ND	1.0	08/03/10 12:53	
n-Propylbenzene	ug/L	ND	1.0	08/03/10 12:53	
Naphthalene	ug/L	ND	4.0	08/03/10 12:53	
o-Xylene	ug/L	ND	1.0	08/03/10 12:53	
p-Isopropyltoluene	ug/L	ND	1.0	08/03/10 12:53	
sec-Butylbenzene	ug/L	ND	1.0	08/03/10 12:53	
Styrene	ug/L	ND	1.0	08/03/10 12:53	
tert-Butylbenzene	ug/L	ND	1.0	08/03/10 12:53	
Tetrachloroethene	ug/L	ND	1.0	08/03/10 12:53	
Tetrahydrofuran	ug/L	ND	10.0	08/03/10 12:53	
Toluene	ug/L	ND	1.0	08/03/10 12:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/03/10 12:53	
trans-1,3-Dichloropropene	ug/L	ND	4.0	08/03/10 12:53	
Trichloroethene	ug/L	ND	1.0	08/03/10 12:53	
Trichlorofluoromethane	ug/L	ND	1.0	08/03/10 12:53	
Vinyl chloride	ug/L	ND	0.40	08/03/10 12:53	
Xylene (Total)	ug/L	ND	3.0	08/03/10 12:53	
1,2-Dichloroethane-d4 (S)	%	105	75-131	08/03/10 12:53	
4-Bromofluorobenzene (S)	%	93	75-125	08/03/10 12:53	
Dibromofluoromethane (S)	%	102	75-130	08/03/10 12:53	
Toluene-d8 (S)	%	95	75-125	08/03/10 12:53	

LABORATORY CONTROL SAMPLE: 832566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.7	91	75-125	
1,1,1-Trichloroethane	ug/L	50	43.9	88	68-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	71-125	
1,1,2-Trichloroethane	ug/L	50	47.2	94	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	35.4	71	60-141	
1,1-Dichloroethane	ug/L	50	43.4	87	75-125	
1,1-Dichloroethene	ug/L	50	47.3	95	69-125	
1,1-Dichloropropene	ug/L	50	43.4	87	69-125	
1,2,3-Trichlorobenzene	ug/L	50	51.8	104	72-129	
1,2,3-Trichloropropane	ug/L	50	50.8	102	69-127	
1,2,4-Trichlorobenzene	ug/L	50	49.8	100	75-125	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE: 832566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	46.6	93	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	64-135	
1,2-Dibromoethane (EDB)	ug/L	50	50.8	102	75-126	
1,2-Dichlorobenzene	ug/L	50	49.2	98	75-125	
1,2-Dichloroethane	ug/L	50	43.7	87	75-125	
1,2-Dichloropropane	ug/L	50	45.0	90	75-125	
1,3,5-Trimethylbenzene	ug/L	50	46.9	94	75-125	
1,3-Dichlorobenzene	ug/L	50	47.7	95	75-125	
1,3-Dichloropropane	ug/L	50	50.1	100	75-125	
1,4-Dichlorobenzene	ug/L	50	47.4	95	75-125	
2,2-Dichloropropane	ug/L	50	42.8	86	54-149	
2-Butanone (MEK)	ug/L	50	43.9	88	55-140	
2-Chlorotoluene	ug/L	50	45.4	91	75-125	
4-Chlorotoluene	ug/L	50	47.3	95	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	50	49.7	99	65-132	
Acetone	ug/L	125	135	108	36-126	
Allyl chloride	ug/L	50	49.1	98	64-137	
Benzene	ug/L	50	45.1	90	75-125	
Bromobenzene	ug/L	50	47.8	96	75-125	
Bromochloromethane	ug/L	50	50.5	101	75-125	
Bromodichloromethane	ug/L	50	47.0	94	75-125	
Bromoform	ug/L	100	101	101	72-131	
Bromomethane	ug/L	50	44.5	89	30-150	
Carbon tetrachloride	ug/L	50	41.2	82	61-140	
Chlorobenzene	ug/L	50	46.3	93	75-125	
Chloroethane	ug/L	50	47.0	94	56-137	
Chloroform	ug/L	50	44.3	89	75-125	
Chloromethane	ug/L	50	40.0	80	62-128	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	75-125	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	75-125	
Dibromochloromethane	ug/L	50	46.8	94	75-125	
Dibromomethane	ug/L	50	46.8	94	75-125	
Dichlorodifluoromethane	ug/L	50	34.1	68	54-141	
Dichlorofluoromethane	ug/L	50	46.2	92	70-128	
Diethyl ether (Ethyl ether)	ug/L	50	49.4	99	75-125	
Ethylbenzene	ug/L	50	47.2	94	75-125	
Hexachloro-1,3-butadiene	ug/L	50	44.2	88	68-133	
Isopropylbenzene (Cumene)	ug/L	50	47.4	95	75-125	
m&p-Xylene	ug/L	100	96.7	97	75-125	
Methyl-tert-butyl ether	ug/L	50	47.7	95	73-132	
Methylene Chloride	ug/L	50	48.5	97	74-125	
n-Butylbenzene	ug/L	50	45.2	90	75-125	
n-Propylbenzene	ug/L	50	46.1	92	75-125	
Naphthalene	ug/L	50	48.2	96	69-130	
o-Xylene	ug/L	50	47.8	96	75-125	
p-Isopropyltoluene	ug/L	50	42.9	86	75-125	
sec-Butylbenzene	ug/L	50	46.4	93	75-125	
Styrene	ug/L	50	50.6	101	75-125	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

LABORATORY CONTROL SAMPLE: 832566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	46.9	94	73-125	
Tetrachloroethene	ug/L	50	46.6	93	72-125	
Tetrahydrofuran	ug/L	500	532	106	64-135	
Toluene	ug/L	50	45.9	92	75-125	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	70-125	
trans-1,3-Dichloropropene	ug/L	50	48.2	96	75-125	
Trichloroethene	ug/L	50	46.9	94	75-125	
Trichlorofluoromethane	ug/L	50	38.7	77	68-132	
Vinyl chloride	ug/L	50	44.8	90	62-132	
Xylene (Total)	ug/L	150	144	96	75-125	
1,2-Dichloroethane-d4 (S)	%			91	75-131	
4-Bromofluorobenzene (S)	%			96	75-125	
Dibromofluoromethane (S)	%			96	75-130	
Toluene-d8 (S)	%			95	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832908 832909

Parameter	Units	10134932003 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	<0.16	20	20	20.0	19.9	100	100	72-133	.5	30	
1,1,1-Trichloroethane	ug/L	<0.090	20	20	21.9	20.1	109	100	65-150	9	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.14	20	20	19.4	20.0	97	100	63-138	3	30	
1,1,2-Trichloroethane	ug/L	<0.11	20	20	21.4	19.9	107	99	68-131	7	30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	20	26.8	23.9	134	120	47-150	11	30	
1,1-Dichloroethane	ug/L	<0.080	20	20	20.6	19.3	103	96	71-131	7	30	
1,1-Dichloroethene	ug/L	<0.20	20	20	24.1	21.1	121	105	66-145	14	30	
1,1-Dichloropropene	ug/L	<0.11	20	20	21.6	19.5	108	97	62-144	10	30	
1,2,3-Trichlorobenzene	ug/L	<0.16	20	20	19.4	20.4	97	102	66-139	5	30	
1,2,3-Trichloropropane	ug/L	<0.14	20	20	20.9	21.6	105	108	61-139	3	30	
1,2,4-Trichlorobenzene	ug/L	<0.16	20	20	18.6	19.0	93	95	68-139	2	30	
1,2,4-Trimethylbenzene	ug/L	<0.080	20	20	19.9	19.5	99	97	69-130	2	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.48	20	20	20.2	21.6	101	108	53-150	6	30	
1,2-Dibromoethane (EDB)	ug/L	<0.10	20	20	20.8	20.9	104	104	69-133	.4	30	
1,2-Dichlorobenzene	ug/L	<0.13	20	20	20.6	20.6	103	103	72-131	.07	30	
1,2-Dichloroethane	ug/L	<0.080	20	20	20.6	18.7	103	93	62-148	10	30	
1,2-Dichloropropane	ug/L	<0.10	20	20	19.4	20.2	97	101	74-128	4	30	
1,3,5-Trimethylbenzene	ug/L	<0.10	20	20	19.6	19.8	98	99	65-134	1	30	
1,3-Dichlorobenzene	ug/L	<0.10	20	20	20.8	20.6	104	103	73-130	1	30	
1,3-Dichloropropane	ug/L	<0.090	20	20	19.7	21.1	99	106	71-130	7	30	
1,4-Dichlorobenzene	ug/L	<0.11	20	20	20.6	20.7	103	104	71-132	.6	30	
2,2-Dichloropropane	ug/L	<0.13	20	20	22.4	20.8	112	104	50-150	8	30	
2-Butanone (MEK)	ug/L	<2.0	20	20	19.8	17.7	99	89	46-140	11	30	
2-Chlorotoluene	ug/L	<0.50	20	20	19.6	19.8	98	99	74-131	1	30	
4-Chlorotoluene	ug/L	<0.10	20	20	20.3	20.3	101	101	70-139	.02	30	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.0	20	20	19.4	19.3	97	97	59-145	.4	30	
Acetone	ug/L	<5.0	50	50	50.2	46.6	100	93	36-126	7	30	
Allyl chloride	ug/L	<0.84	20	20	22.4	21.2	112	106	50-148	6	30	

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QUALITY CONTROL DATA

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832908 832909

Parameter	Units	10134932003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.080	20	20	20.8	19.3	104	96	70-133	7	30	
Bromobenzene	ug/L	<0.11	20	20	20.7	20.8	104	104	72-129	.4	30	
Bromochloromethane	ug/L	<0.21	20	20	21.4	20.9	107	105	69-137	2	30	
Bromodichloromethane	ug/L	<0.15	20	20	20.9	20.4	104	102	73-134	2	30	
Bromoform	ug/L	<0.19	40	40	41.7	42.8	104	107	56-144	2	30	
Bromomethane	ug/L	<1.3	20	20	16.7	19.3	84	96	30-150	14	30	
Carbon tetrachloride	ug/L	<0.19	20	20	21.3	20.5	107	103	55-150	4	30	
Chlorobenzene	ug/L	<0.13	20	20	20.8	20.6	104	103	71-132	.9	30	
Chloroethane	ug/L	<0.32	20	20	20.7	20.5	103	102	50-150	.9	30	
Chloroform	ug/L	<0.090	20	20	21.3	19.9	106	100	68-138	7	30	
Chloromethane	ug/L	<0.36	20	20	18.6	18.3	93	92	61-148	1	30	
cis-1,2-Dichloroethene	ug/L	<0.23	20	20	21.0	20.3	105	102	68-135	3	30	
cis-1,3-Dichloropropene	ug/L	<0.090	20	20	19.5	18.5	97	93	70-134	5	30	
Dibromochloromethane	ug/L	<0.15	20	20	20.6	20.2	103	101	67-135	2	30	
Dibromomethane	ug/L	<0.22	20	20	21.2	20.7	106	103	74-130	3	30	
Dichlorodifluoromethane	ug/L	<0.30	20	20	25.1	24.3	125	122	44-150	3	30	
Dichlorofluoromethane	ug/L	<0.29	20	20	22.9	20.9	114	105	67-145	9	30	
Diethyl ether (Ethyl ether)	ug/L	<0.26	20	20	21.3	20.0	107	100	69-132	7	30	
Ethylbenzene	ug/L	<0.080	20	20	21.1	20.3	105	101	66-133	4	30	
Hexachloro-1,3-butadiene	ug/L	<0.51	20	20	20.8	20.3	104	101	59-150	3	30	
Isopropylbenzene (Cumene)	ug/L	<0.10	20	20	20.5	19.6	102	98	71-140	4	30	
m&p-Xylene	ug/L		40	40	43.1	42.7	108	107	63-130	1	30	
Methyl-tert-butyl ether	ug/L	<0.11	20	20	20.8	19.9	104	99	62-143	4	30	
Methylene Chloride	ug/L	<2.0	20	20	22.6	21.2	113	106	69-126	6	30	
n-Butylbenzene	ug/L	<0.12	20	20	19.3	19.0	97	95	73-140	1	30	
n-Propylbenzene	ug/L	<0.10	20	20	20.3	20.2	102	101	71-136	.5	30	
Naphthalene	ug/L	<0.41	20	20	16.9	18.2	85	91	55-147	7	30	
o-Xylene	ug/L		20	20	20.4	19.9	102	100	66-132	2	30	
p-Isopropyltoluene	ug/L	<0.090	20	20	19.1	18.8	95	94	69-138	1	30	
sec-Butylbenzene	ug/L	<0.10	20	20	20.9	20.9	104	105	73-140	.3	30	
Styrene	ug/L	<0.090	20	20	20.9	20.8	105	104	68-138	.3	30	
tert-Butylbenzene	ug/L	<0.13	20	20	19.3	20.1	97	100	70-138	4	30	
Tetrachloroethene	ug/L	<0.15	20	20	22.9	22.8	115	114	70-138	.5	30	
Tetrahydrofuran	ug/L	<1.5	200	200	234	211	117	105	54-148	10	30	
Toluene	ug/L	<0.11	20	20	20.0	19.6	100	98	65-127	2	30	
trans-1,2-Dichloroethene	ug/L	<0.11	20	20	22.4	20.7	112	103	67-131	8	30	
trans-1,3-Dichloropropene	ug/L	<0.11	20	20	20.1	19.6	100	98	64-138	2	30	
Trichloroethene	ug/L	<0.14	20	20	21.5	22.0	108	110	70-133	2	30	
Trichlorofluoromethane	ug/L	<0.14	20	20	22.9	21.3	114	106	59-150	7	30	
Vinyl chloride	ug/L	<0.11	20	20	19.9	20.9	100	105	59-150	5	30	
Xylene (Total)	ug/L	<0.25	60	60	63.5	62.6	106	104	65-130	1	30	
1,2-Dichloroethane-d4 (S)	%						102	95	75-131			
4-Bromofluorobenzene (S)	%						89	96	75-125			
Dibromofluoromethane (S)	%						101	97	75-130			
Toluene-d8 (S)	%						93	96	75-125			

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QUALIFIERS

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

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.

BATCH QUALIFIERS

Batch: MSV/15088

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

Batch: MSSV/5743

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

Batch: GCV/7315

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

ANALYTE QUALIFIERS

1M	Sample extract really dark.
2M	The sample was double spiked with surrogate solution.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D7	The sample and/or duplicate results for this parameter are less than the reporting limit, calculations are based on estimated values and may be statistically unreliable.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M5	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10134892001	**GP-1-4FT**	WI MOD DRO	OEXT/13466	WI MOD DRO	GCSV/7049
10134892002	**GP-2-12FT**	WI MOD DRO	OEXT/13466	WI MOD DRO	GCSV/7049
10134892003	**GP-3-8FT**	WI MOD DRO	OEXT/13466	WI MOD DRO	GCSV/7049
10134892004	**GP-4-7FT**	WI MOD DRO	OEXT/13466	WI MOD DRO	GCSV/7049
10134892005	**GP1-GW-32FT**	WI MOD DRO	OEXT/13473	WI MOD DRO	GCSV/7040
10134892006	**GP2-GW-28FT**	WI MOD DRO	OEXT/13473	WI MOD DRO	GCSV/7040
10134892001	**GP-1-4FT**	TPH GRO/PVOC WI ext.	GCV/7315	WI MOD GRO	GCV/7317
10134892002	**GP-2-12FT**	TPH GRO/PVOC WI ext.	GCV/7315	WI MOD GRO	GCV/7317
10134892003	**GP-3-8FT**	TPH GRO/PVOC WI ext.	GCV/7315	WI MOD GRO	GCV/7317
10134892004	**GP-4-7FT**	TPH GRO/PVOC WI ext.	GCV/7315	WI MOD GRO	GCV/7317
10134892005	**GP1-GW-32FT**	WI MOD GRO	GCV/7314		
10134892006	**GP2-GW-28FT**	WI MOD GRO	GCV/7314		
10134892001	**GP-1-4FT**	EPA 3050	MPRP/21670	EPA 6010	ICP/9505
10134892002	**GP-2-12FT**	EPA 3050	MPRP/21670	EPA 6010	ICP/9505
10134892003	**GP-3-8FT**	EPA 3050	MPRP/21670	EPA 6010	ICP/9505
10134892004	**GP-4-7FT**	EPA 3050	MPRP/21670	EPA 6010	ICP/9505
10134892005	**GP1-GW-32FT**	EPA 3010	MPRP/21671	EPA 6010	ICP/9513
10134892006	**GP2-GW-28FT**	EPA 3010	MPRP/21671	EPA 6010	ICP/9513
10134892005	**GP1-GW-32FT**	EPA 7470	MERP/4690	EPA 7470	MERC/5525
10134892006	**GP2-GW-28FT**	EPA 7470	MERP/4690	EPA 7470	MERC/5525
10134892001	**GP-1-4FT**	EPA 7471	MERP/4683	EPA 7471	MERC/5515
10134892002	**GP-2-12FT**	EPA 7471	MERP/4683	EPA 7471	MERC/5515
10134892003	**GP-3-8FT**	EPA 7471	MERP/4683	EPA 7471	MERC/5515
10134892004	**GP-4-7FT**	EPA 7471	MERP/4683	EPA 7471	MERC/5515
10134892001	**GP-1-4FT**	% Moisture	MPRP/21675		
10134892002	**GP-2-12FT**	% Moisture	MPRP/21677		
10134892003	**GP-3-8FT**	% Moisture	MPRP/21677		
10134892004	**GP-4-7FT**	% Moisture	MPRP/21677		
10134892001	**GP-1-4FT**	EPA 3550	OEXT/13467	EPA 8270 by SIM	MSSV/5749
10134892002	**GP-2-12FT**	EPA 3550	OEXT/13467	EPA 8270 by SIM	MSSV/5749
10134892003	**GP-3-8FT**	EPA 3550	OEXT/13467	EPA 8270 by SIM	MSSV/5749
10134892004	**GP-4-7FT**	EPA 3550	OEXT/13467	EPA 8270 by SIM	MSSV/5749
10134892005	**GP1-GW-32FT**	EPA 3520	OEXT/13472	EPA 8270	MSSV/5743
10134892006	**GP2-GW-28FT**	EPA 3520	OEXT/13472	EPA 8270	MSSV/5743
10134892001	**GP-1-4FT**	EPA 5035/5030B	MSV/15106	EPA 8260	MSV/15107
10134892002	**GP-2-12FT**	EPA 5035/5030B	MSV/15106	EPA 8260	MSV/15107
10134892003	**GP-3-8FT**	EPA 5035/5030B	MSV/15106	EPA 8260	MSV/15107
10134892004	**GP-4-7FT**	EPA 5035/5030B	MSV/15106	EPA 8260	MSV/15107
10134892007	**SOIL-VOC TRIP**	EPA 5035/5030B	MSV/15106	EPA 8260	MSV/15107
10134892005	**GP1-GW-32FT**	EPA 8260	MSV/15089		
10134892006	**GP2-GW-28FT**	EPA 8260	MSV/15089		
10134892008	**WATER-VOC TRIP**	EPA 8260	MSV/15088		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31810793.02000 340 27TH AVE
Pace Project No.: 10134892

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch

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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.

10134892

Page: 1 of 1

1233388

Section A Required Client Information:

Company: URS Corp
Address: 100 S 5th St, Suite 1500
Email To: todd_ranville@urscorp.com
Phone: (612) 370-0700 Fax:
Requested Due Date/TAT: 5-day

Section B Required Project Information:

Report To: Todd Ranville
Copy To: Mary Canino
Purchase Order No.: 31810793
Project Name: 340 27th Ave - Fur Wheeling
Project Number: 31810793.02000

Section C Invoice Information:

Attention: Todd Ranville
Company Name: URS Corp
Address:
Pace Quote Reference:
Pace Project Manager: Carolynne Trout
Pace Profile #:

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

Site Location STATE: MN

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	DRO	PAH	RCRA Metals	VOCs	GRO	% Moist	SVOC	RCRA - field filtered	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-1 - 4 ft	SL	G			8/2/10	1030		6	X						X			X	X	X	X	X	X				001
2	GP-2 - 12 ft	SL	G				1230		6	X						X			X	X	X	X	X	X				002
3	GP-3 - 8 ft	SL	G				1500		6	X						X			X	X	X	X	X	X				003
4	GP-4 - 7 ft	SL	G				1430		5	X						X			X	X	X	X	X	X				004
5	GP1 - GW - 32 ft	WT	G				1100		11	X		X	X						X			X	X		X	X		005
6	GP2 - GW - 28 ft	WT	G				1300		7	X		X	X						X			X	X		X	X		006
7	Soil - VOC trip																					X						007
8	Water - VOC trip																					X						008
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	(URS)	8/2/10	1600		8/2/10	1600	4.6 / 5.6	Y	N	Y

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mary Canino

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 08/02/10

*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.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS **Project #** 10134892

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

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____ **Temp Blank: Yes** ✓ **No** _____

Thermometer Used 80344042 or 179425 **Type of Ice:** Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 4.6, 5.6 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C **Comments:**

Date and initials of person examining contents: 8/2/10 SA

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.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☑No	☐N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL WT				8/2/10 SA
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	☑Yes	☐No	☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	Samp # GP 1+2 1/1
Exceptions: VOA,Coliform, TOC, Oil and Grease, WI-DRO (water)	☑Yes	☐No		Initial when completed SA / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☐Yes	☐No	☐N/A	16. 1SL TB 041910-3
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A	2WT TB 042610-4 (both have HS)
Pace Trip Blank Lot # (if purchased): _____				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] **Date:** 8/3/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR.

F-L213Rev.00, 05Aug2009

Pace Analytical Services, Inc.
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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August 24, 2010

Todd Renville
URS Corporation
Fifth Street Towers
100 S. 5th Street, Suite 1500
Minneapolis, MN 55402

RE: Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Dear Todd Renville:
Enclosed are the analytical results for sample(s) received by the laboratory on August 17, 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10135939001	**B11-5FT**	Solid	08/16/10 10:15	08/17/10 11:26
10135939002	**B17-4FT**	Solid	08/16/10 10:20	08/17/10 11:26
10135939003	**B8-4FT**	Solid	08/16/10 10:45	08/17/10 11:26
10135939004	**B10-4FT**	Solid	08/16/10 11:40	08/17/10 11:26
10135939005	**B7-4FT**	Solid	08/17/10 08:25	08/17/10 11:26
10135939006	**B16-4FT**	Solid	08/17/10 09:40	08/17/10 11:26
10135939007	**B12-4FT**	Solid	08/17/10 09:40	08/17/10 11:26

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SAMPLE ANALYTE COUNT

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10135939001	**B11-5FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939002	**B17-4FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939003	**B8-4FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939004	**B10-4FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939005	**B7-4FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939006	**B16-4FT**	WI MOD DRO	KL1	2
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10135939007	**B12-4FT**	WI MOD DRO	KL1	2

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SAMPLE ANALYTE COUNT

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6010	TEM	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B11-5FT **Lab ID: 10135939001** Collected: 08/16/10 10:15 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.5	1	08/18/10 07:07	08/18/10 20:58		
n-Triacontane (S)	79	%	50-150	1	08/18/10 07:07	08/18/10 20:58		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.6**	mg/kg	0.40	1	08/18/10 13:20	08/19/10 12:44	7440-38-2	
Barium	**26.3**	mg/kg	0.40	1	08/18/10 13:20	08/19/10 12:44	7440-39-3	
Cadmium	**0.34**	mg/kg	0.040	1	08/18/10 13:20	08/19/10 12:44	7440-43-9	
Chromium	**4.7**	mg/kg	0.40	1	08/18/10 13:20	08/19/10 12:44	7440-47-3	
Lead	**11.9**	mg/kg	0.24	1	08/18/10 13:20	08/19/10 12:44	7439-92-1	
Selenium	**0.68**	mg/kg	0.60	1	08/18/10 13:20	08/19/10 12:44	7782-49-2	
Silver	ND	mg/kg	0.40	1	08/18/10 13:20	08/19/10 12:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.019	1	08/19/10 12:17	08/20/10 09:31	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**2.9**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	83-32-9	
Acenaphthylene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	208-96-8	
Anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	207-08-9	
Chrysene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	53-70-3	
Fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	206-44-0	
Fluorene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	193-39-5	
Naphthalene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	91-20-3	
Phenanthrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	85-01-8	
Pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 15:29	129-00-0	
2-Fluorobiphenyl (S)	78	%	39-125	1	08/17/10 12:25	08/19/10 15:29	321-60-8	
Terphenyl-d14 (S)	100	%	30-150	1	08/17/10 12:25	08/19/10 15:29	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	67-64-1	
Allyl chloride	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	107-05-1	
Benzene	ND	ug/kg	20.3	1	08/17/10 14:52	08/18/10 04:40	71-43-2	
Bromobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	108-86-1	
Bromochloromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	74-97-5	
Bromodichloromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B11-5FT **Lab ID: 10135939001** Collected: 08/16/10 10:15 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	407	1	08/17/10 14:52	08/18/10 04:40	75-25-2	
Bromomethane	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	78-93-3	
n-Butylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	56-23-5	
Chlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	108-90-7	
Chloroethane	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	75-00-3	
Chloroform	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	67-66-3	
Chloromethane	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	96-12-8	
Dibromochloromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	106-93-4	
Dibromomethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	156-60-5	
Dichlorofluoromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-43-4	
1,2-Dichloropropane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	60-29-7	
Ethylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	99-87-6	
Methylene Chloride	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	1634-04-4	
Naphthalene	ND	ug/kg	203	1	08/17/10 14:52	08/18/10 04:40	91-20-3	
n-Propylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	103-65-1	
Styrene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B11-5FT **Lab ID: 10135939001** Collected: 08/16/10 10:15 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	127-18-4	
Tetrahydrofuran	ND	ug/kg	509	1	08/17/10 14:52	08/18/10 04:40	109-99-9	
Toluene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	79-00-5	
Trichloroethene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	50.9	1	08/17/10 14:52	08/18/10 04:40	108-67-8	
Vinyl chloride	ND	ug/kg	20.3	1	08/17/10 14:52	08/18/10 04:40	75-01-4	
Xylene (Total)	ND	ug/kg	153	1	08/17/10 14:52	08/18/10 04:40	1330-20-7	
Dibromofluoromethane (S)	79	%	69-127	1	08/17/10 14:52	08/18/10 04:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	82	%	67-125	1	08/17/10 14:52	08/18/10 04:40	17060-07-0	
Toluene-d8 (S)	88	%	75-144	1	08/17/10 14:52	08/18/10 04:40	2037-26-5	
4-Bromofluorobenzene (S)	90	%	75-132	1	08/17/10 14:52	08/18/10 04:40	460-00-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B17-4FT **Lab ID: 10135939002** Collected: 08/16/10 10:20 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.6	1	08/18/10 07:07	08/18/10 21:14		
n-Triacontane (S)	74	%	50-150	1	08/18/10 07:07	08/18/10 21:14		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.0**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 12:51	7440-38-2	
Barium	**38.5**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 12:51	7440-39-3	
Cadmium	**0.33**	mg/kg	0.041	1	08/18/10 13:20	08/19/10 12:51	7440-43-9	
Chromium	**6.4**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 12:51	7440-47-3	
Lead	**4.3**	mg/kg	0.25	1	08/18/10 13:20	08/19/10 12:51	7439-92-1	
Selenium	**0.74**	mg/kg	0.62	1	08/18/10 13:20	08/19/10 12:51	7782-49-2	
Silver	ND	mg/kg	0.41	1	08/18/10 13:20	08/19/10 12:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/19/10 12:17	08/20/10 09:33	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**5.2**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	83-32-9	
Acenaphthylene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	208-96-8	
Anthracene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	207-08-9	
Chrysene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	53-70-3	
Fluoranthene	**11.5**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	206-44-0	
Fluorene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	193-39-5	
Naphthalene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	91-20-3	
Phenanthrene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	85-01-8	
Pyrene	**12.6**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 18:39	129-00-0	
2-Fluorobiphenyl (S)	74	%	39-125	1	08/17/10 12:25	08/19/10 18:39	321-60-8	
Terphenyl-d14 (S)	93	%	30-150	1	08/17/10 12:25	08/19/10 18:39	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	67-64-1	
Allyl chloride	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	107-05-1	
Benzene	ND	ug/kg	21.9	1	08/17/10 14:52	08/18/10 05:00	71-43-2	
Bromobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	108-86-1	
Bromochloromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	74-97-5	
Bromodichloromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B17-4FT **Lab ID: 10135939002** Collected: 08/16/10 10:20 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	438	1	08/17/10 14:52	08/18/10 05:00	75-25-2	
Bromomethane	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	78-93-3	
n-Butylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	56-23-5	
Chlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	108-90-7	
Chloroethane	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	75-00-3	
Chloroform	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	67-66-3	
Chloromethane	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	96-12-8	
Dibromochloromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	106-93-4	
Dibromomethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	156-60-5	
Dichlorofluoromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-43-4	
1,2-Dichloropropane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	60-29-7	
Ethylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	99-87-6	
Methylene Chloride	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	1634-04-4	
Naphthalene	ND	ug/kg	219	1	08/17/10 14:52	08/18/10 05:00	91-20-3	
n-Propylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	103-65-1	
Styrene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B17-4FT **Lab ID: 10135939002** Collected: 08/16/10 10:20 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	127-18-4	
Tetrahydrofuran	ND	ug/kg	548	1	08/17/10 14:52	08/18/10 05:00	109-99-9	
Toluene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	79-00-5	
Trichloroethene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	54.8	1	08/17/10 14:52	08/18/10 05:00	108-67-8	
Vinyl chloride	ND	ug/kg	21.9	1	08/17/10 14:52	08/18/10 05:00	75-01-4	
Xylene (Total)	ND	ug/kg	164	1	08/17/10 14:52	08/18/10 05:00	1330-20-7	
Dibromofluoromethane (S)	96	%	69-127	1	08/17/10 14:52	08/18/10 05:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	67-125	1	08/17/10 14:52	08/18/10 05:00	17060-07-0	
Toluene-d8 (S)	110	%	75-144	1	08/17/10 14:52	08/18/10 05:00	2037-26-5	
4-Bromofluorobenzene (S)	111	%	75-132	1	08/17/10 14:52	08/18/10 05:00	460-00-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B8-4FT **Lab ID: 10135939003** Collected: 08/16/10 10:45 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**10.8**	mg/kg	9.0	1	08/18/10 07:07	08/19/10 13:44		
n-Triacontane (S)	78	%	50-150	1	08/18/10 07:07	08/19/10 13:44		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.4**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 13:23	7440-38-2	
Barium	**37.0**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 13:23	7440-39-3	
Cadmium	**0.32**	mg/kg	0.041	1	08/18/10 13:20	08/19/10 13:23	7440-43-9	
Chromium	**4.8**	mg/kg	0.41	1	08/18/10 13:20	08/19/10 13:23	7440-47-3	
Lead	**3.4**	mg/kg	0.25	1	08/18/10 13:20	08/19/10 13:23	7439-92-1	
Selenium	**0.63**	mg/kg	0.62	1	08/18/10 13:20	08/19/10 13:23	7782-49-2	
Silver	ND	mg/kg	0.41	1	08/18/10 13:20	08/19/10 13:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.018	1	08/19/10 12:17	08/20/10 09:35	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**5.4**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	83-32-9	
Acenaphthylene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	208-96-8	
Anthracene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	207-08-9	
Chrysene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	53-70-3	
Fluoranthene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	206-44-0	
Fluorene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	193-39-5	
Naphthalene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	91-20-3	
Phenanthrene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	85-01-8	
Pyrene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:40	129-00-0	
2-Fluorobiphenyl (S)	79	%	39-125	1	08/17/10 12:25	08/19/10 20:40	321-60-8	
Terphenyl-d14 (S)	95	%	30-150	1	08/17/10 12:25	08/19/10 20:40	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	67-64-1	
Allyl chloride	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	107-05-1	
Benzene	ND	ug/kg	21.1	1	08/17/10 14:52	08/18/10 14:26	71-43-2	
Bromobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	108-86-1	
Bromochloromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	74-97-5	
Bromodichloromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B8-4FT **Lab ID: 10135939003** Collected: 08/16/10 10:45 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	423	1	08/17/10 14:52	08/18/10 14:26	75-25-2	
Bromomethane	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	78-93-3	
n-Butylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	98-06-6	
Carbon tetrachloride	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	56-23-5	
Chlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	108-90-7	
Chloroethane	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	75-00-3	
Chloroform	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	67-66-3	
Chloromethane	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	96-12-8	
Dibromochloromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	106-93-4	
Dibromomethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	156-60-5	
Dichlorofluoromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-43-4	
1,2-Dichloropropane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	60-29-7	
Ethylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	99-87-6	
Methylene Chloride	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	1634-04-4	
Naphthalene	ND	ug/kg	211	1	08/17/10 14:52	08/18/10 14:26	91-20-3	
n-Propylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	103-65-1	
Styrene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B8-4FT **Lab ID: 10135939003** Collected: 08/16/10 10:45 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	127-18-4	
Tetrahydrofuran	ND	ug/kg	529	1	08/17/10 14:52	08/18/10 14:26	109-99-9	
Toluene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	79-00-5	
Trichloroethene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	52.9	1	08/17/10 14:52	08/18/10 14:26	108-67-8	
Vinyl chloride	ND	ug/kg	21.1	1	08/17/10 14:52	08/18/10 14:26	75-01-4	
Xylene (Total)	ND	ug/kg	159	1	08/17/10 14:52	08/18/10 14:26	1330-20-7	
Dibromofluoromethane (S)	79	%	69-127	1	08/17/10 14:52	08/18/10 14:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	80	%	67-125	1	08/17/10 14:52	08/18/10 14:26	17060-07-0	
Toluene-d8 (S)	84	%	75-144	1	08/17/10 14:52	08/18/10 14:26	2037-26-5	
4-Bromofluorobenzene (S)	85	%	75-132	1	08/17/10 14:52	08/18/10 14:26	460-00-4	

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(612)607-1700

ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B10-4FT **Lab ID: 10135939004** Collected: 08/16/10 11:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	9.0	1	08/18/10 07:07	08/19/10 13:37		
n-Triacontane (S)	82	%	50-150	1	08/18/10 07:07	08/19/10 13:37		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.0**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:38	7440-38-2	
Barium	**26.4**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:38	7440-39-3	
Cadmium	**0.26**	mg/kg	0.042	1	08/18/10 13:20	08/19/10 13:38	7440-43-9	
Chromium	**3.4**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:38	7440-47-3	
Lead	**2.8**	mg/kg	0.25	1	08/18/10 13:20	08/19/10 13:38	7439-92-1	
Selenium	ND	mg/kg	0.62	1	08/18/10 13:20	08/19/10 13:38	7782-49-2	
Silver	ND	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:38	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/19/10 12:17	08/20/10 09:37	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**6.9**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	83-32-9	
Acenaphthylene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	208-96-8	
Anthracene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	207-08-9	
Chrysene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	53-70-3	
Fluoranthene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	206-44-0	
Fluorene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	193-39-5	
Naphthalene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	91-20-3	
Phenanthrene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	85-01-8	
Pyrene	ND	ug/kg	10.7	1	08/17/10 12:25	08/19/10 20:58	129-00-0	
2-Fluorobiphenyl (S)	79	%	39-125	1	08/17/10 12:25	08/19/10 20:58	321-60-8	
Terphenyl-d14 (S)	102	%	30-150	1	08/17/10 12:25	08/19/10 20:58	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	67-64-1	
Allyl chloride	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	107-05-1	
Benzene	ND	ug/kg	21.7	1	08/17/10 14:52	08/18/10 05:42	71-43-2	
Bromobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	108-86-1	
Bromochloromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	74-97-5	
Bromodichloromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B10-4FT **Lab ID: 10135939004** Collected: 08/16/10 11:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	433	1	08/17/10 14:52	08/18/10 05:42	75-25-2	
Bromomethane	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	78-93-3	
n-Butylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	56-23-5	
Chlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	108-90-7	
Chloroethane	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	75-00-3	
Chloroform	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	67-66-3	
Chloromethane	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	96-12-8	
Dibromochloromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	106-93-4	
Dibromomethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	156-60-5	
Dichlorofluoromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-43-4	
1,2-Dichloropropane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	60-29-7	
Ethylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	99-87-6	
Methylene Chloride	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	1634-04-4	
Naphthalene	ND	ug/kg	217	1	08/17/10 14:52	08/18/10 05:42	91-20-3	
n-Propylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	103-65-1	
Styrene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B10-4FT **Lab ID: 10135939004** Collected: 08/16/10 11:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	127-18-4	
Tetrahydrofuran	ND	ug/kg	542	1	08/17/10 14:52	08/18/10 05:42	109-99-9	
Toluene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	79-00-5	
Trichloroethene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	54.2	1	08/17/10 14:52	08/18/10 05:42	108-67-8	
Vinyl chloride	ND	ug/kg	21.7	1	08/17/10 14:52	08/18/10 05:42	75-01-4	
Xylene (Total)	ND	ug/kg	162	1	08/17/10 14:52	08/18/10 05:42	1330-20-7	
Dibromofluoromethane (S)	94	%	69-127	1	08/17/10 14:52	08/18/10 05:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	67-125	1	08/17/10 14:52	08/18/10 05:42	17060-07-0	
Toluene-d8 (S)	101	%	75-144	1	08/17/10 14:52	08/18/10 05:42	2037-26-5	
4-Bromofluorobenzene (S)	105	%	75-132	1	08/17/10 14:52	08/18/10 05:42	460-00-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B7-4FT **Lab ID: 10135939005** Collected: 08/17/10 08:25 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**11.2**	mg/kg	8.7	1	08/18/10 07:07	08/19/10 13:29		
n-Triacontane (S)	88	%	50-150	1	08/18/10 07:07	08/19/10 13:29		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.0**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:45	7440-38-2	
Barium	**46.0**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:45	7440-39-3	
Cadmium	**0.48**	mg/kg	0.049	1	08/18/10 13:20	08/19/10 13:45	7440-43-9	
Chromium	**4.9**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:45	7440-47-3	
Lead	**25.0**	mg/kg	0.29	1	08/18/10 13:20	08/19/10 13:45	7439-92-1	
Selenium	ND	mg/kg	0.73	1	08/18/10 13:20	08/19/10 13:45	7782-49-2	
Silver	ND	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.025**	mg/kg	0.019	1	08/19/10 12:17	08/20/10 09:41	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**5.9**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	83-32-9	
Acenaphthylene	**12.8**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	208-96-8	
Anthracene	**22.1**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	120-12-7	
Benzo(a)anthracene	**122**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	56-55-3	
Benzo(a)pyrene	**88.9**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	50-32-8	
Benzo(b)fluoranthene	**154**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	205-99-2	
Benzo(g,h,i)perylene	**54.3**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	191-24-2	
Benzo(k)fluoranthene	**57.3**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	207-08-9	
Chrysene	**96.9**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	53-70-3	
Fluoranthene	**160**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	206-44-0	
Fluorene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**50.0**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	193-39-5	
Naphthalene	ND	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	91-20-3	
Phenanthrene	**69.9**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	85-01-8	
Pyrene	**197**	ug/kg	10.6	1	08/17/10 12:25	08/19/10 20:06	129-00-0	
2-Fluorobiphenyl (S)	79	%	39-125	1	08/17/10 12:25	08/19/10 20:06	321-60-8	
Terphenyl-d14 (S)	93	%	30-150	1	08/17/10 12:25	08/19/10 20:06	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	67-64-1	
Allyl chloride	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	107-05-1	
Benzene	ND	ug/kg	20.9	1	08/17/10 14:52	08/18/10 06:02	71-43-2	
Bromobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	108-86-1	
Bromochloromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	74-97-5	
Bromodichloromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B7-4FT **Lab ID: 10135939005** Collected: 08/17/10 08:25 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	418	1	08/17/10 14:52	08/18/10 06:02	75-25-2	
Bromomethane	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	78-93-3	
n-Butylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	56-23-5	
Chlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	108-90-7	
Chloroethane	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	75-00-3	
Chloroform	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	67-66-3	
Chloromethane	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	96-12-8	
Dibromochloromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	106-93-4	
Dibromomethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	156-60-5	
Dichlorofluoromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-43-4	
1,2-Dichloropropane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	60-29-7	
Ethylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	99-87-6	
Methylene Chloride	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	1634-04-4	
Naphthalene	ND	ug/kg	209	1	08/17/10 14:52	08/18/10 06:02	91-20-3	
n-Propylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	103-65-1	
Styrene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B7-4FT **Lab ID: 10135939005** Collected: 08/17/10 08:25 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	127-18-4	
Tetrahydrofuran	ND	ug/kg	522	1	08/17/10 14:52	08/18/10 06:02	109-99-9	
Toluene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	79-00-5	
Trichloroethene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	52.2	1	08/17/10 14:52	08/18/10 06:02	108-67-8	
Vinyl chloride	ND	ug/kg	20.9	1	08/17/10 14:52	08/18/10 06:02	75-01-4	
Xylene (Total)	ND	ug/kg	157	1	08/17/10 14:52	08/18/10 06:02	1330-20-7	
Dibromofluoromethane (S)	71	%	69-127	1	08/17/10 14:52	08/18/10 06:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	77	%	67-125	1	08/17/10 14:52	08/18/10 06:02	17060-07-0	
Toluene-d8 (S)	78	%	75-144	1	08/17/10 14:52	08/18/10 06:02	2037-26-5	
4-Bromofluorobenzene (S)	79	%	75-132	1	08/17/10 14:52	08/18/10 06:02	460-00-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B16-4FT **Lab ID: 10135939006** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.5	1	08/18/10 07:07	08/18/10 21:21		
n-Triacontane (S)	79	%	50-150	1	08/18/10 07:07	08/18/10 21:21		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.1**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:51	7440-38-2	
Barium	**32.7**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:51	7440-39-3	
Cadmium	**0.32**	mg/kg	0.042	1	08/18/10 13:20	08/19/10 13:51	7440-43-9	
Chromium	**3.7**	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:51	7440-47-3	
Lead	**3.4**	mg/kg	0.25	1	08/18/10 13:20	08/19/10 13:51	7439-92-1	
Selenium	**0.69**	mg/kg	0.64	1	08/18/10 13:20	08/19/10 13:51	7782-49-2	
Silver	ND	mg/kg	0.42	1	08/18/10 13:20	08/19/10 13:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.018	1	08/19/10 12:17	08/20/10 09:42	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**2.5**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	83-32-9	
Acenaphthylene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	208-96-8	
Anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	207-08-9	
Chrysene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	53-70-3	
Fluoranthene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	206-44-0	
Fluorene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	193-39-5	
Naphthalene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	91-20-3	
Phenanthrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	85-01-8	
Pyrene	ND	ug/kg	10.3	1	08/17/10 12:25	08/19/10 19:48	129-00-0	
2-Fluorobiphenyl (S)	77	%	39-125	1	08/17/10 12:25	08/19/10 19:48	321-60-8	
Terphenyl-d14 (S)	100	%	30-150	1	08/17/10 12:25	08/19/10 19:48	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	67-64-1	
Allyl chloride	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	107-05-1	
Benzene	ND	ug/kg	23.9	1	08/17/10 14:52	08/18/10 14:46	71-43-2	
Bromobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	108-86-1	
Bromochloromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	74-97-5	
Bromodichloromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B16-4FT **Lab ID: 10135939006** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	478	1	08/17/10 14:52	08/18/10 14:46	75-25-2	
Bromomethane	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	78-93-3	
n-Butylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	56-23-5	
Chlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	108-90-7	
Chloroethane	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	75-00-3	
Chloroform	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	67-66-3	
Chloromethane	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	96-12-8	
Dibromochloromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	106-93-4	
Dibromomethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	156-60-5	
Dichlorofluoromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-43-4	
1,2-Dichloropropane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	60-29-7	
Ethylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	99-87-6	
Methylene Chloride	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	1634-04-4	
Naphthalene	ND	ug/kg	239	1	08/17/10 14:52	08/18/10 14:46	91-20-3	
n-Propylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	103-65-1	
Styrene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B16-4FT **Lab ID: 10135939006** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	127-18-4	
Tetrahydrofuran	ND	ug/kg	597	1	08/17/10 14:52	08/18/10 14:46	109-99-9	
Toluene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	79-00-5	
Trichloroethene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	59.7	1	08/17/10 14:52	08/18/10 14:46	108-67-8	
Vinyl chloride	ND	ug/kg	23.9	1	08/17/10 14:52	08/18/10 14:46	75-01-4	
Xylene (Total)	ND	ug/kg	179	1	08/17/10 14:52	08/18/10 14:46	1330-20-7	
Dibromofluoromethane (S)	95	%	69-127	1	08/17/10 14:52	08/18/10 14:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	67-125	1	08/17/10 14:52	08/18/10 14:46	17060-07-0	
Toluene-d8 (S)	108	%	75-144	1	08/17/10 14:52	08/18/10 14:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	75-132	1	08/17/10 14:52	08/18/10 14:46	460-00-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B12-4FT **Lab ID: 10135939007** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.4	1	08/18/10 07:07	08/18/10 20:50		
n-Triacontane (S)	84	%	50-150	1	08/18/10 07:07	08/18/10 20:50		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.8**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:58	7440-38-2	
Barium	**30.2**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:58	7440-39-3	
Cadmium	**0.24**	mg/kg	0.049	1	08/18/10 13:20	08/19/10 13:58	7440-43-9	
Chromium	**5.1**	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:58	7440-47-3	
Lead	**11.1**	mg/kg	0.29	1	08/18/10 13:20	08/19/10 13:58	7439-92-1	
Selenium	ND	mg/kg	0.73	1	08/18/10 13:20	08/19/10 13:58	7782-49-2	
Silver	ND	mg/kg	0.49	1	08/18/10 13:20	08/19/10 13:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.044**	mg/kg	0.020	1	08/19/10 12:17	08/20/10 09:44	7439-97-6	M1
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**4.5**	%	0.10	1		08/17/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	83-32-9	
Acenaphthylene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	208-96-8	
Anthracene	**16.0**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	120-12-7	
Benzo(a)anthracene	**81.5**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	56-55-3	
Benzo(a)pyrene	**66.3**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	50-32-8	
Benzo(b)fluoranthene	**112**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	205-99-2	
Benzo(g,h,i)perylene	**43.5**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	191-24-2	
Benzo(k)fluoranthene	**36.2**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	207-08-9	
Chrysene	**59.4**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	53-70-3	
Fluoranthene	**110**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	206-44-0	
Fluorene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	86-73-7	
Indeno(1,2,3-cd)pyrene	**34.2**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	193-39-5	
Naphthalene	ND	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	91-20-3	
Phenanthrene	**55.4**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	85-01-8	
Pyrene	**129**	ug/kg	10.5	1	08/17/10 12:25	08/19/10 21:15	129-00-0	
2-Fluorobiphenyl (S)	76	%	39-125	1	08/17/10 12:25	08/19/10 21:15	321-60-8	
Terphenyl-d14 (S)	90	%	30-150	1	08/17/10 12:25	08/19/10 21:15	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	67-64-1	
Allyl chloride	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	107-05-1	
Benzene	ND	ug/kg	22.0	1	08/17/10 14:52	08/18/10 06:43	71-43-2	
Bromobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	108-86-1	
Bromochloromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	74-97-5	
Bromodichloromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-27-4	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B12-4FT **Lab ID: 10135939007** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	441	1	08/17/10 14:52	08/18/10 06:43	75-25-2	
Bromomethane	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	78-93-3	
n-Butylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	56-23-5	
Chlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	108-90-7	
Chloroethane	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	75-00-3	
Chloroform	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	67-66-3	
Chloromethane	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	96-12-8	
Dibromochloromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	106-93-4	
Dibromomethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	156-60-5	
Dichlorofluoromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-43-4	
1,2-Dichloropropane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	60-29-7	
Ethylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	99-87-6	
Methylene Chloride	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	1634-04-4	
Naphthalene	ND	ug/kg	220	1	08/17/10 14:52	08/18/10 06:43	91-20-3	
n-Propylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	103-65-1	
Styrene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	79-34-5	

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ANALYTICAL RESULTS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Sample: B12-4FT **Lab ID: 10135939007** Collected: 08/17/10 09:40 Received: 08/17/10 11:26 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	127-18-4	
Tetrahydrofuran	ND	ug/kg	551	1	08/17/10 14:52	08/18/10 06:43	109-99-9	
Toluene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	79-00-5	
Trichloroethene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	55.1	1	08/17/10 14:52	08/18/10 06:43	108-67-8	
Vinyl chloride	ND	ug/kg	22.0	1	08/17/10 14:52	08/18/10 06:43	75-01-4	
Xylene (Total)	ND	ug/kg	165	1	08/17/10 14:52	08/18/10 06:43	1330-20-7	
Dibromofluoromethane (S)	107	%	69-127	1	08/17/10 14:52	08/18/10 06:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	115	%	67-125	1	08/17/10 14:52	08/18/10 06:43	17060-07-0	
Toluene-d8 (S)	122	%	75-144	1	08/17/10 14:52	08/18/10 06:43	2037-26-5	
4-Bromofluorobenzene (S)	125	%	75-132	1	08/17/10 14:52	08/18/10 06:43	460-00-4	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: OEXT/13588 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

METHOD BLANK: 839252 Matrix: Solid
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	5.0	08/18/10 19:56	
n-Triacontane (S)	%	77	50-150	08/18/10 19:56	

LABORATORY CONTROL SAMPLE & LCSD: 839253 839254

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	80	70.7	71.0	88	89	70-120	.5	20	
n-Triacontane (S)	%				88	96	50-150			

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: MPRP/21878 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

METHOD BLANK: 839008 | Matrix: Solid
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.41	08/19/10 11:37	
Barium	mg/kg	ND	0.41	08/19/10 11:37	
Cadmium	mg/kg	ND	0.041	08/19/10 11:37	
Chromium	mg/kg	ND	0.41	08/19/10 11:37	
Lead	mg/kg	ND	0.25	08/19/10 11:37	
Selenium	mg/kg	ND	0.62	08/19/10 11:37	
Silver	mg/kg	ND	0.41	08/19/10 11:37	

LABORATORY CONTROL SAMPLE: 839009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	38.5	34.5	90	80-120	
Barium	mg/kg	38.5	37.7	98	80-120	
Cadmium	mg/kg	38.5	35.4	92	80-120	
Chromium	mg/kg	38.5	37.7	98	80-120	
Lead	mg/kg	38.5	36.4	95	80-120	
Selenium	mg/kg	38.5	31.4	82	80-120	
Silver	mg/kg	19.2	17.4	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 839010 839011

Parameter	Units	10135817001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.3	45	37.6	54.6	44.2	110	104	75-125	21	30	
Barium	mg/kg	41.0	45	37.6	84.0	80.4	96	105	75-125	4	30	
Cadmium	mg/kg	ND	45	37.6	38.6	30.5	86	81	75-125	23	30	
Chromium	mg/kg	53.0	45	37.6	102	94.9	109	111	75-125	8	30	
Lead	mg/kg	0.36	45	37.6	39.4	31.0	87	82	75-125	24	30	
Selenium	mg/kg	ND	45	37.6	33.5	26.1	74	69	75-125	25	30	M1
Silver	mg/kg	0.79	22.5	18.8	23.0	18.3	98	93	75-125	23	30	

MATRIX SPIKE SAMPLE: 839012

Parameter	Units	10135939007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	3.8	44.7	42.2	86	75-125	
Barium	mg/kg	30.2	44.7	74.3	98	75-125	
Cadmium	mg/kg	0.24	44.7	39.7	88	75-125	
Chromium	mg/kg	5.1	44.7	46.2	92	75-125	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

MATRIX SPIKE SAMPLE: 839012

Parameter	Units	10135939007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	11.1	44.7	49.2	85	75-125	
Selenium	mg/kg	ND	44.7	36.3	80	75-125	
Silver	mg/kg	ND	22.4	21.2	95	75-125	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: MERP/4724 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

METHOD BLANK: 839016 Matrix: Solid
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.019	08/20/10 09:19	

LABORATORY CONTROL SAMPLE: 839017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.43	0.43	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 839018 839019

Parameter	Units	10135936002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.028	.47	.48	0.59	0.60	119	117	80-120	2	20	

MATRIX SPIKE SAMPLE: 839020

Parameter	Units	10135939007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.044	.46	0.62	124	80-120	M1

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: MPRP/21877 | Analysis Method: % Moisture
QC Batch Method: % Moisture | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

SAMPLE DUPLICATE: 838916

Parameter	Units	10135936002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.0	6.4	8	30	

SAMPLE DUPLICATE: 838917

Parameter	Units	10135785014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.8	26.8	3	30	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: OEXT/13584 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3550 Analysis Description: 8270 Soild PAH by SIM MSSV
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

METHOD BLANK: 838828 Matrix: Solid
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	10.0	08/19/10 12:19	
Acenaphthylene	ug/kg	ND	10.0	08/19/10 12:19	
Anthracene	ug/kg	ND	10.0	08/19/10 12:19	
Benzo(a)anthracene	ug/kg	ND	10.0	08/19/10 12:19	
Benzo(a)pyrene	ug/kg	ND	10.0	08/19/10 12:19	
Benzo(b)fluoranthene	ug/kg	ND	10.0	08/19/10 12:19	
Benzo(g,h,i)perylene	ug/kg	ND	10.0	08/19/10 12:19	
Benzo(k)fluoranthene	ug/kg	ND	10.0	08/19/10 12:19	
Chrysene	ug/kg	ND	10.0	08/19/10 12:19	
Dibenz(a,h)anthracene	ug/kg	ND	10.0	08/19/10 12:19	
Fluoranthene	ug/kg	ND	10.0	08/19/10 12:19	
Fluorene	ug/kg	ND	10.0	08/19/10 12:19	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	10.0	08/19/10 12:19	
Naphthalene	ug/kg	ND	10.0	08/19/10 12:19	
Phenanthrene	ug/kg	ND	10.0	08/19/10 12:19	
Pyrene	ug/kg	ND	10.0	08/19/10 12:19	
2-Fluorobiphenyl (S)	%	88	39-125	08/19/10 12:19	
Terphenyl-d14 (S)	%	112	30-150	08/19/10 12:19	

LABORATORY CONTROL SAMPLE: 838829

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	33.3	28.6	86	50-125	
Acenaphthylene	ug/kg	33.3	28.5	85	51-125	
Anthracene	ug/kg	33.3	30.3	91	45-125	
Benzo(a)anthracene	ug/kg	33.3	29.0	87	47-125	
Benzo(a)pyrene	ug/kg	33.3	32.7	98	50-125	
Benzo(b)fluoranthene	ug/kg	33.3	31.4	94	51-125	
Benzo(g,h,i)perylene	ug/kg	33.3	29.0	87	30-131	
Benzo(k)fluoranthene	ug/kg	33.3	40.8	122	48-137	
Chrysene	ug/kg	33.3	34.3	103	48-127	
Dibenz(a,h)anthracene	ug/kg	33.3	29.4	88	37-128	
Fluoranthene	ug/kg	33.3	29.7	89	51-125	
Fluorene	ug/kg	33.3	29.2	87	47-125	
Indeno(1,2,3-cd)pyrene	ug/kg	33.3	29.7	89	38-125	
Naphthalene	ug/kg	33.3	28.7	86	45-125	
Phenanthrene	ug/kg	33.3	27.6	83	48-125	
Pyrene	ug/kg	33.3	37.1	111	47-125	
2-Fluorobiphenyl (S)	%			83	39-125	
Terphenyl-d14 (S)	%			100	30-150	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 838830 838831

Parameter	Units	10135815001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acenaphthene	ug/kg	ND	39.1	39.1	32.8	33.2	84	85	30-150	1	30	
Acenaphthylene	ug/kg	ND	39.1	39.1	32.7	33.4	84	85	30-150	2	30	
Anthracene	ug/kg	ND	39.1	39.1	36.6	35.9	93	92	30-150	2	30	
Benzo(a)anthracene	ug/kg	ND	39.1	39.1	33.0	32.3	84	83	30-150	2	30	
Benzo(a)pyrene	ug/kg	ND	39.1	39.1	36.2	35.7	92	91	30-150	1	30	
Benzo(b)fluoranthene	ug/kg	ND	39.1	39.1	32.9	32.0	84	82	30-150	3	30	
Benzo(g,h,i)perylene	ug/kg	ND	39.1	39.1	32.0	31.0	82	79	30-150	3	30	
Benzo(k)fluoranthene	ug/kg	ND	39.1	39.1	42.3	41.2	108	105	30-150	3	30	
Chrysene	ug/kg	ND	39.1	39.1	39.6	37.6	101	96	30-150	5	30	
Dibenz(a,h)anthracene	ug/kg	ND	39.1	39.1	31.9	31.0	81	79	30-150	3	30	
Fluoranthene	ug/kg	ND	39.1	39.1	34.4	33.8	88	86	30-150	2	30	
Fluorene	ug/kg	ND	39.1	39.1	33.2	33.9	85	86	30-150	2	30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	39.1	39.1	32.2	31.5	82	80	30-150	2	30	
Naphthalene	ug/kg	ND	39.1	39.1	32.2	33.1	82	85	30-150	3	30	
Phenanthrene	ug/kg	ND	39.1	39.1	32.4	32.3	83	83	30-150	.3	30	
Pyrene	ug/kg	ND	39.1	39.1	42.8	41.4	109	106	30-150	3	30	
2-Fluorobiphenyl (S)	%						82	82	39-125			
Terphenyl-d14 (S)	%						99	94	30-150			

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

QC Batch: MSV/15163 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV 5030 Med Level
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

METHOD BLANK: 839087 Matrix: Solid
Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1,1-Trichloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1,2-Trichloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1-Dichloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,1-Dichloroethene	ug/kg	ND	50.0	08/18/10 01:57	
1,1-Dichloropropene	ug/kg	ND	50.0	08/18/10 01:57	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,2,3-Trichloropropane	ug/kg	ND	50.0	08/18/10 01:57	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,2-Dibromo-3-chloropropane	ug/kg	ND	200	08/18/10 01:57	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	08/18/10 01:57	
1,2-Dichlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,2-Dichloroethane	ug/kg	ND	50.0	08/18/10 01:57	
1,2-Dichloropropane	ug/kg	ND	50.0	08/18/10 01:57	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,3-Dichlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
1,3-Dichloropropane	ug/kg	ND	50.0	08/18/10 01:57	
1,4-Dichlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
2,2-Dichloropropane	ug/kg	ND	200	08/18/10 01:57	
2-Butanone (MEK)	ug/kg	ND	500	08/18/10 01:57	
2-Chlorotoluene	ug/kg	ND	50.0	08/18/10 01:57	
4-Chlorotoluene	ug/kg	ND	50.0	08/18/10 01:57	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	08/18/10 01:57	
Acetone	ug/kg	ND	500	08/18/10 01:57	
Allyl chloride	ug/kg	ND	200	08/18/10 01:57	
Benzene	ug/kg	ND	20.0	08/18/10 01:57	
Bromobenzene	ug/kg	ND	50.0	08/18/10 01:57	
Bromochloromethane	ug/kg	ND	50.0	08/18/10 01:57	
Bromodichloromethane	ug/kg	ND	50.0	08/18/10 01:57	
Bromoform	ug/kg	ND	400	08/18/10 01:57	
Bromomethane	ug/kg	ND	500	08/18/10 01:57	
Carbon tetrachloride	ug/kg	ND	200	08/18/10 01:57	
Chlorobenzene	ug/kg	ND	50.0	08/18/10 01:57	
Chloroethane	ug/kg	ND	500	08/18/10 01:57	
Chloroform	ug/kg	ND	50.0	08/18/10 01:57	
Chloromethane	ug/kg	ND	200	08/18/10 01:57	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/18/10 01:57	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	08/18/10 01:57	
Dibromochloromethane	ug/kg	ND	50.0	08/18/10 01:57	
Dibromomethane	ug/kg	ND	50.0	08/18/10 01:57	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

METHOD BLANK: 839087 Matrix: Solid

Associated Lab Samples: 10135939001, 10135939002, 10135939003, 10135939004, 10135939005, 10135939006, 10135939007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	50.0	08/18/10 01:57	
Dichlorofluoromethane	ug/kg	ND	50.0	08/18/10 01:57	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	08/18/10 01:57	
Ethylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
Hexachloro-1,3-butadiene	ug/kg	ND	200	08/18/10 01:57	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	08/18/10 01:57	
Methyl-tert-butyl ether	ug/kg	ND	50.0	08/18/10 01:57	
Methylene Chloride	ug/kg	ND	200	08/18/10 01:57	
n-Butylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
n-Propylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
Naphthalene	ug/kg	ND	200	08/18/10 01:57	
p-Isopropyltoluene	ug/kg	ND	50.0	08/18/10 01:57	
sec-Butylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
Styrene	ug/kg	ND	50.0	08/18/10 01:57	
tert-Butylbenzene	ug/kg	ND	50.0	08/18/10 01:57	
Tetrachloroethene	ug/kg	ND	50.0	08/18/10 01:57	
Tetrahydrofuran	ug/kg	ND	500	08/18/10 01:57	
Toluene	ug/kg	ND	50.0	08/18/10 01:57	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	08/18/10 01:57	
trans-1,3-Dichloropropene	ug/kg	ND	50.0	08/18/10 01:57	
Trichloroethene	ug/kg	ND	50.0	08/18/10 01:57	
Trichlorofluoromethane	ug/kg	ND	50.0	08/18/10 01:57	
Vinyl chloride	ug/kg	ND	20.0	08/18/10 01:57	
Xylene (Total)	ug/kg	ND	150	08/18/10 01:57	
1,2-Dichloroethane-d4 (S)	%	91	67-125	08/18/10 01:57	
4-Bromofluorobenzene (S)	%	96	75-132	08/18/10 01:57	
Dibromofluoromethane (S)	%	86	69-127	08/18/10 01:57	
Toluene-d8 (S)	%	94	75-144	08/18/10 01:57	

LABORATORY CONTROL SAMPLE & LCSD: 839088 839089

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1000	1050	923	105	92	75-125	13	20	
1,1,1-Trichloroethane	ug/kg	1000	1070	968	107	97	75-136	10	20	
1,1,2,2-Tetrachloroethane	ug/kg	1000	1070	897	107	90	70-135	17	20	
1,1,2-Trichloroethane	ug/kg	1000	1010	891	101	89	75-126	13	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	967	948	97	95	47-150	2	20	
1,1-Dichloroethane	ug/kg	1000	1000	928	100	93	75-130	8	20	
1,1-Dichloroethene	ug/kg	1000	978	913	98	91	69-134	7	20	
1,1-Dichloropropene	ug/kg	1000	1030	958	103	96	70-130	7	20	
1,2,3-Trichlorobenzene	ug/kg	1000	1010	846	101	85	75-141	17	20	
1,2,3-Trichloropropane	ug/kg	1000	1050	909	105	91	71-136	15	20	
1,2,4-Trichlorobenzene	ug/kg	1000	1020	831	102	83	75-139	21	20	D6
1,2,4-Trimethylbenzene	ug/kg	1000	1110	957	111	96	75-126	15	20	
1,2-Dibromo-3-chloropropane	ug/kg	1000	1070	787	107	79	58-150	30	20	D6

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

LABORATORY CONTROL SAMPLE & LCSD: 839088 839089

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	1000	1010	917	101	92	75-128	10	20	
1,2-Dichlorobenzene	ug/kg	1000	1070	910	107	91	75-125	16	20	
1,2-Dichloroethane	ug/kg	1000	1010	918	101	92	73-130	10	20	
1,2-Dichloropropane	ug/kg	1000	1070	943	107	94	75-125	13	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1110	934	111	93	75-125	17	20	
1,3-Dichlorobenzene	ug/kg	1000	1070	901	107	90	75-125	17	20	
1,3-Dichloropropane	ug/kg	1000	1010	898	101	90	75-125	12	20	
1,4-Dichlorobenzene	ug/kg	1000	1030	899	103	90	75-131	14	20	
2,2-Dichloropropane	ug/kg	1000	818	764	82	76	42-150	7	20	
2-Butanone (MEK)	ug/kg	1000	1130	1010	113	101	44-150	11	20	
2-Chlorotoluene	ug/kg	1000	1110	953	111	95	75-125	15	20	
4-Chlorotoluene	ug/kg	1000	1100	939	110	94	75-125	16	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	1000	987	849	99	85	56-147	15	20	
Acetone	ug/kg	2500	3230	3080	129	123	57-146	5	20	
Allyl chloride	ug/kg	1000	956	822	96	82	75-128	15	20	
Benzene	ug/kg	1000	995	915	99	92	69-134	8	20	
Bromobenzene	ug/kg	1000	1070	947	107	95	75-125	12	20	
Bromochloromethane	ug/kg	1000	1080	973	108	97	75-125	11	20	
Bromodichloromethane	ug/kg	1000	1070	942	107	94	75-129	13	20	
Bromoform	ug/kg	1000	955	838	95	84	73-141	13	20	
Bromomethane	ug/kg	1000	948	847	95	85	71-142	11	20	
Carbon tetrachloride	ug/kg	1000	1010	937	101	94	73-141	7	20	
Chlorobenzene	ug/kg	1000	1030	918	103	92	75-125	12	20	
Chloroethane	ug/kg	1000	793	656	79	66	65-137	19	20	
Chloroform	ug/kg	1000	1040	909	104	91	75-127	14	20	
Chloromethane	ug/kg	1000	909	791	91	79	60-125	14	20	
cis-1,2-Dichloroethene	ug/kg	1000	1040	916	104	92	75-129	13	20	
cis-1,3-Dichloropropene	ug/kg	1000	985	864	99	86	75-134	13	20	
Dibromochloromethane	ug/kg	1000	1040	926	104	93	75-129	12	20	
Dibromomethane	ug/kg	1000	999	903	100	90	75-127	10	20	
Dichlorodifluoromethane	ug/kg	1000	761	711	76	71	36-134	7	20	
Dichlorofluoromethane	ug/kg	1000	981	885	98	88	53-142	10	20	
Diethyl ether (Ethyl ether)	ug/kg	1000	1050	916	105	92	64-131	14	20	
Ethylbenzene	ug/kg	1000	1060	929	106	93	75-125	13	20	
Hexachloro-1,3-butadiene	ug/kg	500	556	466	111	93	70-150	18	20	
Isopropylbenzene (Cumene)	ug/kg	1000	1020	903	102	90	75-127	12	20	
Methyl-tert-butyl ether	ug/kg	1000	1010	919	101	92	69-138	9	20	
Methylene Chloride	ug/kg	1000	863	739	86	74	69-130	15	20	
n-Butylbenzene	ug/kg	1000	1100	934	110	93	75-135	16	20	
n-Propylbenzene	ug/kg	1000	1110	934	111	93	75-125	17	20	
Naphthalene	ug/kg	1000	966	824	97	82	75-142	16	20	
p-Isopropyltoluene	ug/kg	1000	1070	912	107	91	75-133	16	20	
sec-Butylbenzene	ug/kg	1000	1110	961	111	96	75-129	15	20	
Styrene	ug/kg	1000	1080	917	108	92	75-125	16	20	
tert-Butylbenzene	ug/kg	1000	1090	962	109	96	75-128	13	20	
Tetrachloroethene	ug/kg	1000	989	904	99	90	75-130	9	20	
Tetrahydrofuran	ug/kg	10000	10100	9460	101	95	53-136	6	20	
Toluene	ug/kg	1000	1050	953	105	95	75-125	9	20	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

LABORATORY CONTROL SAMPLE & LCSD: 839088 839089

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/kg	1000	1030	931	103	93	75-132	10	20	
trans-1,3-Dichloropropene	ug/kg	1000	971	843	97	84	75-128	14	20	
Trichloroethene	ug/kg	1000	1060	969	106	97	75-125	9	20	
Trichlorofluoromethane	ug/kg	1000	876	797	88	80	35-150	9	20	
Vinyl chloride	ug/kg	1000	894	792	89	79	60-126	12	20	
Xylene (Total)	ug/kg	3000	3130	2770	104	92	75-125	12	20	
1,2-Dichloroethane-d4 (S)	%				98	94	67-125			
4-Bromofluorobenzene (S)	%				111	100	75-132			
Dibromofluoromethane (S)	%				96	96	69-127			
Toluene-d8 (S)	%				105	97	75-144			

MATRIX SPIKE SAMPLE: 839090

Parameter	Units	10135956001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1170	1230	105	49-150	
1,1,1-Trichloroethane	ug/kg	ND	1170	1240	106	58-150	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1170	1270	109	54-146	
1,1,2-Trichloroethane	ug/kg	ND	1170	1220	104	48-154	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1170	1210	103	47-150	
1,1-Dichloroethane	ug/kg	ND	1170	1140	97	57-143	
1,1-Dichloroethene	ug/kg	ND	1170	1170	99	52-150	
1,1-Dichloropropene	ug/kg	ND	1170	1240	106	58-147	
1,2,3-Trichlorobenzene	ug/kg	ND	1170	1140	97	36-150	
1,2,3-Trichloropropane	ug/kg	ND	1170	1250	107	56-147	
1,2,4-Trichlorobenzene	ug/kg	ND	1170	1130	97	30-150	
1,2,4-Trimethylbenzene	ug/kg	ND	1170	1280	109	38-150	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1170	1210	103	30-150	
1,2-Dibromoethane (EDB)	ug/kg	ND	1170	1170	100	53-144	
1,2-Dichlorobenzene	ug/kg	ND	1170	1210	103	45-150	
1,2-Dichloroethane	ug/kg	ND	1170	1190	102	39-150	
1,2-Dichloropropane	ug/kg	ND	1170	1230	105	60-135	
1,3,5-Trimethylbenzene	ug/kg	ND	1170	1270	108	30-150	
1,3-Dichlorobenzene	ug/kg	ND	1170	1230	105	42-150	
1,3-Dichloropropane	ug/kg	ND	1170	1220	104	62-129	
1,4-Dichlorobenzene	ug/kg	ND	1170	1190	101	45-150	
2,2-Dichloropropane	ug/kg	ND	1170	1060	90	30-150	
2-Butanone (MEK)	ug/kg	ND	1170	1490	127	37-150	
2-Chlorotoluene	ug/kg	ND	1170	1270	108	30-150	
4-Chlorotoluene	ug/kg	ND	1170	1270	109	40-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1170	1160	99	45-150	
Acetone	ug/kg	ND	2930	3660	125	30-150	
Allyl chloride	ug/kg	ND	1170	1050	90	30-150	
Benzene	ug/kg	ND	1170	1160	99	57-140	
Bromobenzene	ug/kg	ND	1170	1260	107	57-141	
Bromochloromethane	ug/kg	ND	1170	1140	97	58-140	
Bromodichloromethane	ug/kg	ND	1170	1200	102	54-146	
Bromoform	ug/kg	ND	1170	1170	99	35-150	

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QUALITY CONTROL DATA

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

MATRIX SPIKE SAMPLE: 839090

Parameter	Units	10135956001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	ND	1170	929	79	30-150	
Carbon tetrachloride	ug/kg	ND	1170	1250	106	34-150	
Chlorobenzene	ug/kg	ND	1170	1190	102	54-142	
Chloroethane	ug/kg	ND	1170	1330	114	30-150	
Chloroform	ug/kg	ND	1170	1240	106	60-136	
Chloromethane	ug/kg	ND	1170	917	78	44-129	
cis-1,2-Dichloroethene	ug/kg	ND	1170	1190	101	54-144	
cis-1,3-Dichloropropene	ug/kg	ND	1170	1150	98	52-141	
Dibromochloromethane	ug/kg	ND	1170	1240	106	43-150	
Dibromomethane	ug/kg	ND	1170	1120	96	55-139	
Dichlorodifluoromethane	ug/kg	ND	1170	657	56	30-150	
Dichlorofluoromethane	ug/kg	ND	1170	1140	97	53-142	
Diethyl ether (Ethyl ether)	ug/kg	ND	1170	1190	102	59-135	
Ethylbenzene	ug/kg	ND	1170	1240	106	51-150	
Hexachloro-1,3-butadiene	ug/kg	ND	586	649	111	30-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1170	1240	106	41-150	
Methyl-tert-butyl ether	ug/kg	ND	1170	1240	106	52-139	
Methylene Chloride	ug/kg	ND	1170	977	83	56-138	
n-Butylbenzene	ug/kg	ND	1170	1290	110	30-150	
n-Propylbenzene	ug/kg	ND	1170	1310	112	30-150	
Naphthalene	ug/kg	ND	1170	1070	92	30-150	
p-Isopropyltoluene	ug/kg	ND	1170	1220	104	30-150	
sec-Butylbenzene	ug/kg	ND	1170	1280	109	30-150	
Styrene	ug/kg	ND	1170	1260	107	40-150	
tert-Butylbenzene	ug/kg	ND	1170	1280	109	61-150	
Tetrachloroethene	ug/kg	ND	1170	1200	103	30-150	
Tetrahydrofuran	ug/kg	ND	11700	12300	105	53-136	
Toluene	ug/kg	ND	1170	1250	107	50-146	
trans-1,2-Dichloroethene	ug/kg	ND	1170	1220	104	58-139	
trans-1,3-Dichloropropene	ug/kg	ND	1170	1190	101	43-146	
Trichloroethene	ug/kg	ND	1170	1220	104	30-150	
Trichlorofluoromethane	ug/kg	ND	1170	951	81	30-150	
Vinyl chloride	ug/kg	ND	1170	917	78	45-142	
Xylene (Total)	ug/kg	ND	3520	3670	104	43-150	
1,2-Dichloroethane-d4 (S)	%				85	67-125	
4-Bromofluorobenzene (S)	%				95	75-132	
Dibromofluoromethane (S)	%				85	69-127	
Toluene-d8 (S)	%				90	75-144	

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QUALIFIERS

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

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

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1810793.02000 340TH 27TH AVE-W
Pace Project No.: 10135939

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10135939001	**B11-5FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939002	**B17-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939003	**B8-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939004	**B10-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939005	**B7-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939006	**B16-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939007	**B12-4FT**	WI MOD DRO	OEXT/13588	WI MOD DRO	GCSV/7107
10135939001	**B11-5FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939002	**B17-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939003	**B8-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939004	**B10-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939005	**B7-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939006	**B16-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939007	**B12-4FT**	EPA 3050	MPRP/21878	EPA 6010	ICP/9589
10135939001	**B11-5FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939002	**B17-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939003	**B8-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939004	**B10-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939005	**B7-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939006	**B16-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939007	**B12-4FT**	EPA 7471	MERP/4724	EPA 7471	MERC/5568
10135939001	**B11-5FT**	% Moisture	MPRP/21877		
10135939002	**B17-4FT**	% Moisture	MPRP/21877		
10135939003	**B8-4FT**	% Moisture	MPRP/21877		
10135939004	**B10-4FT**	% Moisture	MPRP/21877		
10135939005	**B7-4FT**	% Moisture	MPRP/21877		
10135939006	**B16-4FT**	% Moisture	MPRP/21877		
10135939007	**B12-4FT**	% Moisture	MPRP/21877		
10135939001	**B11-5FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939002	**B17-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939003	**B8-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939004	**B10-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939005	**B7-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939006	**B16-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939007	**B12-4FT**	EPA 3550	OEXT/13584	EPA 8270 by SIM	MSSV/5780
10135939001	**B11-5FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939002	**B17-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939003	**B8-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939004	**B10-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939005	**B7-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939006	**B16-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164
10135939007	**B12-4FT**	EPA 5035/5030B	MSV/15163	EPA 8260	MSV/15164

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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.

1144
10135939

Page: 1 of 1

1230382

Section A Required Client Information:

Company: URS CORPORATION
Address: 100 South 5th st. Suite 1500
Email To: Todd_Renville@URScorp.com
Phone: 612-370-0700 Fax:
Requested Due Date/TAT: URS Standard TAT

Section B Required Project Information:

Report To: Todd Renville
Copy To: Mary Canino
Purchase Order No.: 31810793
Project Name: 340th 27th Ave - Wheeling
Project Number: 31810793.02000

Section C Invoice Information:

Attention: Todd Renville
Company Name: URS Corp
Address:
Pace Quote Reference:
Pace Project Manager: Carolyn Trout
Pace Profile #:

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

Site Location STATE: MN

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): DRO	RCRA Metals	PAH-SIM	VOC	% Moisture	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B11-5ft	SL	G			8/16	1015		4	X						X		X	X	X	X	X		001
2	B17-4ft	SL	G			8/16	1020		4	X						X		X	X	X	X	X		002
3	B8-4ft	SL	G			8/16	1045		4	X						X		X	X	X	X	X		003
4	B10-4ft	SL	G			8/16	1140		4	X						X		X	X	X	X	X		004
5	B7-4ft	SL	G			8/17	0825		4	X						X		X	X	X	X	X		005
6	B16-4ft	SL	G			8/17	0940		4	X						X		X	X	X	X	X		006
7	B12-4ft	SL	G			8/17	1020		3	X						X		X	X	X	X	X		007
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Dustin Daniels (URS)	8-17-10	1126	[signature]	8/17/10	1126	2.0	Y	N	Y

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

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Dustin Daniels
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 08-17-2010

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

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical

Sample Condition Upon Receipt

Client Name: URS **Project #** 10135939

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

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____ Temp Blank: Yes X No _____

Thermometer Used 80344042 or 179425 **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.0°c **Biological Tissue is Frozen:** Yes No

Date and initials of person examining contents: RM 8-17-10

Temp should be above freezing to 6°C

		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.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12. no dry weight Container for "B13-4ft."
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	☐Yes ☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	Samp #
Exceptions: VOA,Coliform, TOC, Oil and Grease, WI-DRO (water)	☐Yes ☒No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] **Date:** 8/17/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR.

F-L213Rev.00, 05Aug2009

Pace Analytical Services, Inc.
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

August 26, 2010

Todd Renville
URS Corporation
Fifth Street Towers
100 S. 5th Street, Suite 1500
Minneapolis, MN 55402

RE: Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Dear Todd Renville:
Enclosed are the analytical results for sample(s) received by the laboratory on August 19, 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10136083001	**B4-5ft**	Solid	08/18/10 10:00	08/19/10 09:37
10136083002	**B2-5ft**	Solid	08/18/10 10:10	08/19/10 09:37
10136083003	**B1-5ft**	Solid	08/18/10 10:20	08/19/10 09:37

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SAMPLE ANALYTE COUNT

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10136083001	**B4-5ft**	WI MOD DRO	KL1	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10136083002	**B2-5ft**	WI MOD DRO	KL1	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71
10136083003	**B1-5ft**	WI MOD DRO	KL1	2
		EPA 6010	IP	7
		EPA 7471	TEM	1
		% Moisture	JDL	1
		EPA 8270 by SIM	JRH	18
		EPA 8260	CNC	71

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B4-5ft **Lab ID: 10136083001** Collected: 08/18/10 10:00 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.7	1	08/19/10 10:35	08/20/10 17:49		
n-Triacontane (S)	87	%	50-150	1	08/19/10 10:35	08/20/10 17:49		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.1**	mg/kg	0.42	1	08/20/10 14:42	08/22/10 16:03	7440-38-2	
Barium	**38.5**	mg/kg	0.42	1	08/20/10 14:42	08/22/10 16:03	7440-39-3	
Cadmium	**0.35**	mg/kg	0.042	1	08/20/10 14:42	08/22/10 16:03	7440-43-9	
Chromium	**6.0**	mg/kg	0.42	1	08/20/10 14:42	08/22/10 16:03	7440-47-3	
Lead	**5.3**	mg/kg	0.25	1	08/20/10 14:42	08/22/10 16:03	7439-92-1	
Selenium	**0.84**	mg/kg	0.62	1	08/20/10 14:42	08/22/10 16:03	7782-49-2	
Silver	ND	mg/kg	0.42	1	08/20/10 14:42	08/22/10 16:03	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.018	1	08/20/10 15:22	08/23/10 08:00	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**5.3**	%	0.10	1		08/19/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	83-32-9	
Acenaphthylene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	208-96-8	
Anthracene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	207-08-9	
Chrysene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	53-70-3	
Fluoranthene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	206-44-0	
Fluorene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	193-39-5	
Naphthalene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	91-20-3	
Phenanthrene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	85-01-8	
Pyrene	ND	ug/kg	10.6	1	08/19/10 10:06	08/21/10 00:21	129-00-0	
2-Fluorobiphenyl (S)	71	%	39-125	1	08/19/10 10:06	08/21/10 00:21	321-60-8	
Terphenyl-d14 (S)	130	%	30-150	1	08/19/10 10:06	08/21/10 00:21	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	67-64-1	
Allyl chloride	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	107-05-1	
Benzene	ND	ug/kg	20.9	1	08/19/10 12:10	08/20/10 07:01	71-43-2	
Bromobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	108-86-1	
Bromochloromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	74-97-5	
Bromodichloromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-27-4	

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B4-5ft **Lab ID: 10136083001** Collected: 08/18/10 10:00 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	418	1	08/19/10 12:10	08/20/10 07:01	75-25-2	
Bromomethane	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	78-93-3	
n-Butylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	98-06-6	
Carbon tetrachloride	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	56-23-5	
Chlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	108-90-7	
Chloroethane	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	75-00-3	
Chloroform	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	67-66-3	
Chloromethane	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	96-12-8	
Dibromochloromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	106-93-4	
Dibromomethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	156-60-5	
Dichlorofluoromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-43-4	
1,2-Dichloropropane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	60-29-7	
Ethylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	99-87-6	
Methylene Chloride	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	1634-04-4	
Naphthalene	ND	ug/kg	209	1	08/19/10 12:10	08/20/10 07:01	91-20-3	
n-Propylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	103-65-1	
Styrene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	79-34-5	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B4-5ft **Lab ID: 10136083001** Collected: 08/18/10 10:00 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	127-18-4	
Tetrahydrofuran	ND	ug/kg	523	1	08/19/10 12:10	08/20/10 07:01	109-99-9	
Toluene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	79-00-5	
Trichloroethene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	52.3	1	08/19/10 12:10	08/20/10 07:01	108-67-8	
Vinyl chloride	ND	ug/kg	20.9	1	08/19/10 12:10	08/20/10 07:01	75-01-4	
Xylene (Total)	ND	ug/kg	157	1	08/19/10 12:10	08/20/10 07:01	1330-20-7	
Dibromofluoromethane (S)	99	%	69-127	1	08/19/10 12:10	08/20/10 07:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	67-125	1	08/19/10 12:10	08/20/10 07:01	17060-07-0	
Toluene-d8 (S)	107	%	75-144	1	08/19/10 12:10	08/20/10 07:01	2037-26-5	
4-Bromofluorobenzene (S)	108	%	75-132	1	08/19/10 12:10	08/20/10 07:01	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B2-5ft **Lab ID: 10136083002** Collected: 08/18/10 10:10 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	10.2	1	08/19/10 10:35	08/20/10 17:56		
n-Triacontane (S)	76	%	50-150	1	08/19/10 10:35	08/20/10 17:56		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.4**	mg/kg	0.53	1	08/20/10 14:42	08/22/10 16:09	7440-38-2	
Barium	**48.1**	mg/kg	0.53	1	08/20/10 14:42	08/22/10 16:09	7440-39-3	
Cadmium	**0.49**	mg/kg	0.053	1	08/20/10 14:42	08/22/10 16:09	7440-43-9	
Chromium	**5.7**	mg/kg	0.53	1	08/20/10 14:42	08/22/10 16:09	7440-47-3	
Lead	**6.3**	mg/kg	0.32	1	08/20/10 14:42	08/22/10 16:09	7439-92-1	
Selenium	**0.86**	mg/kg	0.80	1	08/20/10 14:42	08/22/10 16:09	7782-49-2	
Silver	ND	mg/kg	0.53	1	08/20/10 14:42	08/22/10 16:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.48**	mg/kg	0.023	1	08/20/10 15:22	08/23/10 08:02	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**19.4**	%	0.10	1		08/19/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	83-32-9	
Acenaphthylene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	208-96-8	
Anthracene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	50-32-8	
Benzo(b)fluoranthene	**13.0**	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	207-08-9	
Chrysene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	53-70-3	
Fluoranthene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	206-44-0	
Fluorene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	193-39-5	
Naphthalene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	91-20-3	
Phenanthrene	ND	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	85-01-8	
Pyrene	**20.3**	ug/kg	12.4	1	08/19/10 10:06	08/21/10 00:39	129-00-0	
2-Fluorobiphenyl (S)	82	%	39-125	1	08/19/10 10:06	08/21/10 00:39	321-60-8	
Terphenyl-d14 (S)	98	%	30-150	1	08/19/10 10:06	08/21/10 00:39	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	67-64-1	
Allyl chloride	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	107-05-1	
Benzene	ND	ug/kg	25.0	1	08/19/10 12:10	08/20/10 07:21	71-43-2	
Bromobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	108-86-1	
Bromochloromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	74-97-5	
Bromodichloromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-27-4	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B2-5ft **Lab ID: 10136083002** Collected: 08/18/10 10:10 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	500	1	08/19/10 12:10	08/20/10 07:21	75-25-2	
Bromomethane	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	78-93-3	
n-Butylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	98-06-6	
Carbon tetrachloride	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	56-23-5	
Chlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	108-90-7	
Chloroethane	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	75-00-3	
Chloroform	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	67-66-3	
Chloromethane	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	96-12-8	
Dibromochloromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	106-93-4	
Dibromomethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	156-60-5	
Dichlorofluoromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-43-4	
1,2-Dichloropropane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	594-20-7	
1,1-Dichloropropene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	60-29-7	
Ethylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	99-87-6	
Methylene Chloride	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	1634-04-4	
Naphthalene	ND	ug/kg	250	1	08/19/10 12:10	08/20/10 07:21	91-20-3	
n-Propylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	103-65-1	
Styrene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	79-34-5	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B2-5ft **Lab ID: 10136083002** Collected: 08/18/10 10:10 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	127-18-4	
Tetrahydrofuran	ND	ug/kg	625	1	08/19/10 12:10	08/20/10 07:21	109-99-9	
Toluene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	79-00-5	
Trichloroethene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	62.5	1	08/19/10 12:10	08/20/10 07:21	108-67-8	
Vinyl chloride	ND	ug/kg	25.0	1	08/19/10 12:10	08/20/10 07:21	75-01-4	
Xylene (Total)	ND	ug/kg	187	1	08/19/10 12:10	08/20/10 07:21	1330-20-7	
Dibromofluoromethane (S)	100	%	69-127	1	08/19/10 12:10	08/20/10 07:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	67-125	1	08/19/10 12:10	08/20/10 07:21	17060-07-0	
Toluene-d8 (S)	112	%	75-144	1	08/19/10 12:10	08/20/10 07:21	2037-26-5	
4-Bromofluorobenzene (S)	112	%	75-132	1	08/19/10 12:10	08/20/10 07:21	460-00-4	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B1-5ft **Lab ID: 10136083003** Collected: 08/18/10 10:20 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	8.3	1	08/19/10 10:35	08/20/10 16:59		
n-Triacontane (S)	78	%	50-150	1	08/19/10 10:35	08/20/10 16:59		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.5**	mg/kg	0.41	1	08/20/10 14:42	08/22/10 16:16	7440-38-2	
Barium	**23.7**	mg/kg	0.41	1	08/20/10 14:42	08/22/10 16:16	7440-39-3	
Cadmium	**0.58**	mg/kg	0.041	1	08/20/10 14:42	08/22/10 16:16	7440-43-9	
Chromium	**10.8**	mg/kg	0.41	1	08/20/10 14:42	08/22/10 16:16	7440-47-3	
Lead	**3.7**	mg/kg	0.24	1	08/20/10 14:42	08/22/10 16:16	7439-92-1	
Selenium	**1.3**	mg/kg	0.61	1	08/20/10 14:42	08/22/10 16:16	7782-49-2	
Silver	ND	mg/kg	0.41	1	08/20/10 14:42	08/22/10 16:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.019	1	08/20/10 15:22	08/23/10 08:03	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**3.9**	%	0.10	1		08/19/10 00:00		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3550							
Acenaphthene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	83-32-9	
Acenaphthylene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	208-96-8	
Anthracene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	207-08-9	
Chrysene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	53-70-3	
Fluoranthene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	206-44-0	
Fluorene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	193-39-5	
Naphthalene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	91-20-3	
Phenanthrene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	85-01-8	
Pyrene	ND	ug/kg	10.4	1	08/19/10 10:06	08/21/10 00:56	129-00-0	
2-Fluorobiphenyl (S)	67	%	39-125	1	08/19/10 10:06	08/21/10 00:56	321-60-8	
Terphenyl-d14 (S)	79	%	30-150	1	08/19/10 10:06	08/21/10 00:56	1718-51-0	
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	67-64-1	
Allyl chloride	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	107-05-1	
Benzene	ND	ug/kg	21.6	1	08/19/10 12:10	08/20/10 19:40	71-43-2	
Bromobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	108-86-1	
Bromochloromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	74-97-5	
Bromodichloromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-27-4	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B1-5ft **Lab ID: 10136083003** Collected: 08/18/10 10:20 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Bromoform	ND	ug/kg	432	1	08/19/10 12:10	08/20/10 19:40	75-25-2	
Bromomethane	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	78-93-3	
n-Butylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	56-23-5	
Chlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	108-90-7	
Chloroethane	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	75-00-3	
Chloroform	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	67-66-3	
Chloromethane	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	96-12-8	
Dibromochloromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	106-93-4	
Dibromomethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	156-60-5	
Dichlorofluoromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-43-4	
1,2-Dichloropropane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	60-29-7	
Ethylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	99-87-6	
Methylene Chloride	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	1634-04-4	
Naphthalene	ND	ug/kg	216	1	08/19/10 12:10	08/20/10 19:40	91-20-3	
n-Propylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	103-65-1	
Styrene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	79-34-5	

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ANALYTICAL RESULTS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Sample: B1-5ft **Lab ID: 10136083003** Collected: 08/18/10 10:20 Received: 08/19/10 09:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Tetrachloroethene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	127-18-4	
Tetrahydrofuran	ND	ug/kg	540	1	08/19/10 12:10	08/20/10 19:40	109-99-9	
Toluene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	79-00-5	
Trichloroethene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	54.0	1	08/19/10 12:10	08/20/10 19:40	108-67-8	
Vinyl chloride	ND	ug/kg	21.6	1	08/19/10 12:10	08/20/10 19:40	75-01-4	
Xylene (Total)	ND	ug/kg	162	1	08/19/10 12:10	08/20/10 19:40	1330-20-7	
Dibromofluoromethane (S)	87	%	69-127	1	08/19/10 12:10	08/20/10 19:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	67-125	1	08/19/10 12:10	08/20/10 19:40	17060-07-0	
Toluene-d8 (S)	98	%	75-144	1	08/19/10 12:10	08/20/10 19:40	2037-26-5	
4-Bromofluorobenzene (S)	92	%	75-132	1	08/19/10 12:10	08/20/10 19:40	460-00-4	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: OEXT/13599 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10136083001, 10136083002, 10136083003

METHOD BLANK: 839850 Matrix: Solid
Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	5.0	08/20/10 16:45	
n-Triacontane (S)	%	90	50-150	08/20/10 16:45	

LABORATORY CONTROL SAMPLE & LCSD: 839851 839852

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	80	66.8	62.8	83	78	70-120	6	20	
n-Triacontane (S)	%				93	86	50-150			

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: MPRP/21923 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 10136083001, 10136083002, 10136083003

METHOD BLANK: 840246 Matrix: Solid
Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.39	08/23/10 10:03	
Barium	mg/kg	ND	0.39	08/23/10 10:03	
Cadmium	mg/kg	ND	0.039	08/23/10 10:03	
Chromium	mg/kg	ND	0.39	08/23/10 10:03	
Lead	mg/kg	ND	0.23	08/23/10 10:03	
Selenium	mg/kg	ND	0.59	08/23/10 10:03	
Silver	mg/kg	ND	0.39	08/23/10 10:03	

LABORATORY CONTROL SAMPLE: 840247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	39.4	39.2	100	80-120	
Barium	mg/kg	39.4	41.6	106	80-120	
Cadmium	mg/kg	39.4	38.5	98	80-120	
Chromium	mg/kg	39.4	41.5	105	80-120	
Lead	mg/kg	39.4	40.4	103	80-120	
Selenium	mg/kg	39.4	36.2	92	80-120	
Silver	mg/kg	19.7	17.9	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 840248 840249

Parameter	Units	10136041002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	16.1	55.4	52.8	68.1	68.5	94	99	75-125	.5	30	
Barium	mg/kg	174	55.4	52.8	213	219	71	86	75-125	3	30	M1
Cadmium	mg/kg	1.2	55.4	52.8	54.6	51.6	96	95	75-125	6	30	
Chromium	mg/kg	25.5	55.4	52.8	83.0	80.3	104	104	75-125	3	30	
Lead	mg/kg	46.4	55.4	52.8	97.5	92.8	92	88	75-125	5	30	
Selenium	mg/kg	2.5	55.4	52.8	52.3	49.6	90	89	75-125	5	30	
Silver	mg/kg	ND	27.7	26.4	24.6	23.3	89	88	75-125	5	30	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: MERP/4731 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 10136083001, 10136083002, 10136083003

METHOD BLANK: 840474 Matrix: Solid
Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.017	08/23/10 07:38	

LABORATORY CONTROL SAMPLE: 840475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 840476 840477

Parameter	Units	20808606 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.56	.6	0.61	0.60	107	100	80-120	.5	20	

MATRIX SPIKE SAMPLE: 840479

Parameter	Units	10136133002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.029	.5	0.62	118	80-120	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: MPRP/21915 | Analysis Method: % Moisture
QC Batch Method: % Moisture | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10136083001, 10136083002, 10136083003

SAMPLE DUPLICATE: 839863

Parameter	Units	10136083001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.5	3	30	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: OEXT/13600 | Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3550 | Analysis Description: 8270 Soild PAH by SIM MSSV
Associated Lab Samples: 10136083001, 10136083002, 10136083003

METHOD BLANK: 839853 | Matrix: Solid
Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	10.0	08/20/10 21:45	
Acenaphthylene	ug/kg	ND	10.0	08/20/10 21:45	
Anthracene	ug/kg	ND	10.0	08/20/10 21:45	
Benzo(a)anthracene	ug/kg	ND	10.0	08/20/10 21:45	
Benzo(a)pyrene	ug/kg	ND	10.0	08/20/10 21:45	
Benzo(b)fluoranthene	ug/kg	ND	10.0	08/20/10 21:45	
Benzo(g,h,i)perylene	ug/kg	ND	10.0	08/20/10 21:45	
Benzo(k)fluoranthene	ug/kg	ND	10.0	08/20/10 21:45	
Chrysene	ug/kg	ND	10.0	08/20/10 21:45	
Dibenz(a,h)anthracene	ug/kg	ND	10.0	08/20/10 21:45	
Fluoranthene	ug/kg	ND	10.0	08/20/10 21:45	
Fluorene	ug/kg	ND	10.0	08/20/10 21:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	10.0	08/20/10 21:45	
Naphthalene	ug/kg	ND	10.0	08/20/10 21:45	
Phenanthrene	ug/kg	ND	10.0	08/20/10 21:45	
Pyrene	ug/kg	ND	10.0	08/20/10 21:45	
2-Fluorobiphenyl (S)	%	80	39-125	08/20/10 21:45	
Terphenyl-d14 (S)	%	99	30-150	08/20/10 21:45	

LABORATORY CONTROL SAMPLE: 839854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	33.3	27.0	81	50-125	
Acenaphthylene	ug/kg	33.3	26.9	81	51-125	
Anthracene	ug/kg	33.3	29.9	90	45-125	
Benzo(a)anthracene	ug/kg	33.3	26.9	81	47-125	
Benzo(a)pyrene	ug/kg	33.3	30.8	92	50-125	
Benzo(b)fluoranthene	ug/kg	33.3	25.2	75	51-125	
Benzo(g,h,i)perylene	ug/kg	33.3	32.0	96	30-131	
Benzo(k)fluoranthene	ug/kg	33.3	33.3	100	48-137	
Chrysene	ug/kg	33.3	33.2	100	48-127	
Dibenz(a,h)anthracene	ug/kg	33.3	30.7	92	37-128	
Fluoranthene	ug/kg	33.3	30.1	90	51-125	
Fluorene	ug/kg	33.3	28.2	84	47-125	
Indeno(1,2,3-cd)pyrene	ug/kg	33.3	30.9	93	38-125	
Naphthalene	ug/kg	33.3	27.6	83	45-125	
Phenanthrene	ug/kg	33.3	27.3	82	48-125	
Pyrene	ug/kg	33.3	32.4	97	47-125	
2-Fluorobiphenyl (S)	%			79	39-125	
Terphenyl-d14 (S)	%			94	30-150	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 839855 839856

Parameter	Units	10136027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acenaphthene	ug/kg	<5.7	37.7	37.7	29.6	30.8	78	82	30-150	4	30	
Acenaphthylene	ug/kg	<5.7	37.7	37.7	29.7	30.2	79	80	30-150	2	30	
Anthracene	ug/kg	<5.7	37.7	37.7	30.7	33.6	81	89	30-150	9	30	
Benzo(a)anthracene	ug/kg	<5.7	37.7	37.7	32.1	34.1	85	90	30-150	6	30	
Benzo(a)pyrene	ug/kg	<5.7	37.7	37.7	30.4	33.6	80	89	30-150	10	30	
Benzo(b)fluoranthene	ug/kg	7.4J	37.7	37.7	28.6	30.2	56	60	30-150	6	30	
Benzo(g,h,i)perylene	ug/kg	<5.7	37.7	37.7	35.8	36.8	95	98	30-150	3	30	
Benzo(k)fluoranthene	ug/kg	<5.7	37.7	37.7	32.5	33.3	86	88	30-150	2	30	
Chrysene	ug/kg	<5.7	37.7	37.7	33.6	35.7	89	95	30-150	6	30	
Dibenz(a,h)anthracene	ug/kg	6.1J	37.7	37.7	33.7	36.7	73	81	30-150	9	30	
Fluoranthene	ug/kg	<5.7	37.7	37.7	31.7	34.4	84	91	30-150	8	30	
Fluorene	ug/kg	<5.7	37.7	37.7	30.7	31.7	81	84	30-150	3	30	
Indeno(1,2,3-cd)pyrene	ug/kg	<5.7	37.7	37.7	33.8	36.6	89	97	30-150	8	30	
Naphthalene	ug/kg	<5.7	37.7	37.7	30.0	31.4	79	83	30-150	5	30	
Phenanthrene	ug/kg	<5.7	37.7	37.7	31.2	34.0	83	90	30-150	9	30	
Pyrene	ug/kg	<5.7	37.7	37.7	37.3	40.1	99	106	30-150	7	30	
2-Fluorobiphenyl (S)	%						77	76	39-125			
Terphenyl-d14 (S)	%						89	96	30-150			

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

QC Batch: MSV/15176 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV 5030 Med Level
Associated Lab Samples: 10136083001, 10136083002, 10136083003

METHOD BLANK: 840046 Matrix: Solid
Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1,1-Trichloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1,2-Trichloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1-Dichloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,1-Dichloroethene	ug/kg	ND	50.0	08/20/10 02:55	
1,1-Dichloropropene	ug/kg	ND	50.0	08/20/10 02:55	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,2,3-Trichloropropane	ug/kg	ND	50.0	08/20/10 02:55	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,2-Dibromo-3-chloropropane	ug/kg	ND	200	08/20/10 02:55	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	08/20/10 02:55	
1,2-Dichlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,2-Dichloroethane	ug/kg	ND	50.0	08/20/10 02:55	
1,2-Dichloropropane	ug/kg	ND	50.0	08/20/10 02:55	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,3-Dichlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
1,3-Dichloropropane	ug/kg	ND	50.0	08/20/10 02:55	
1,4-Dichlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
2,2-Dichloropropane	ug/kg	ND	200	08/20/10 02:55	
2-Butanone (MEK)	ug/kg	ND	500	08/20/10 02:55	
2-Chlorotoluene	ug/kg	ND	50.0	08/20/10 02:55	
4-Chlorotoluene	ug/kg	ND	50.0	08/20/10 02:55	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	500	08/20/10 02:55	
Acetone	ug/kg	ND	500	08/20/10 02:55	
Allyl chloride	ug/kg	ND	200	08/20/10 02:55	
Benzene	ug/kg	ND	20.0	08/20/10 02:55	
Bromobenzene	ug/kg	ND	50.0	08/20/10 02:55	
Bromochloromethane	ug/kg	ND	50.0	08/20/10 02:55	
Bromodichloromethane	ug/kg	ND	50.0	08/20/10 02:55	
Bromoform	ug/kg	ND	400	08/20/10 02:55	
Bromomethane	ug/kg	ND	500	08/20/10 02:55	
Carbon tetrachloride	ug/kg	ND	200	08/20/10 02:55	
Chlorobenzene	ug/kg	ND	50.0	08/20/10 02:55	
Chloroethane	ug/kg	ND	500	08/20/10 02:55	
Chloroform	ug/kg	ND	50.0	08/20/10 02:55	
Chloromethane	ug/kg	ND	200	08/20/10 02:55	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/20/10 02:55	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	08/20/10 02:55	
Dibromochloromethane	ug/kg	ND	50.0	08/20/10 02:55	
Dibromomethane	ug/kg	ND	50.0	08/20/10 02:55	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

METHOD BLANK: 840046 Matrix: Solid

Associated Lab Samples: 10136083001, 10136083002, 10136083003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	50.0	08/20/10 02:55	
Dichlorofluoromethane	ug/kg	ND	50.0	08/20/10 02:55	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	08/20/10 02:55	
Ethylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
Hexachloro-1,3-butadiene	ug/kg	ND	200	08/20/10 02:55	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	08/20/10 02:55	
Methyl-tert-butyl ether	ug/kg	ND	50.0	08/20/10 02:55	
Methylene Chloride	ug/kg	ND	200	08/20/10 02:55	
n-Butylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
n-Propylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
Naphthalene	ug/kg	ND	200	08/20/10 02:55	
p-Isopropyltoluene	ug/kg	ND	50.0	08/20/10 02:55	
sec-Butylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
Styrene	ug/kg	ND	50.0	08/20/10 02:55	
tert-Butylbenzene	ug/kg	ND	50.0	08/20/10 02:55	
Tetrachloroethene	ug/kg	ND	50.0	08/20/10 02:55	
Tetrahydrofuran	ug/kg	ND	500	08/20/10 02:55	
Toluene	ug/kg	ND	50.0	08/20/10 02:55	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	08/20/10 02:55	
trans-1,3-Dichloropropene	ug/kg	ND	50.0	08/20/10 02:55	
Trichloroethene	ug/kg	ND	50.0	08/20/10 02:55	
Trichlorofluoromethane	ug/kg	ND	50.0	08/20/10 02:55	
Vinyl chloride	ug/kg	ND	20.0	08/20/10 02:55	
Xylene (Total)	ug/kg	ND	150	08/20/10 02:55	
1,2-Dichloroethane-d4 (S)	%	102	67-125	08/20/10 02:55	
4-Bromofluorobenzene (S)	%	112	75-132	08/20/10 02:55	
Dibromofluoromethane (S)	%	99	69-127	08/20/10 02:55	
Toluene-d8 (S)	%	105	75-144	08/20/10 02:55	

LABORATORY CONTROL SAMPLE & LCSD: 840047 840048

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1000	1000	1050	100	105	75-125	5	20	
1,1,1-Trichloroethane	ug/kg	1000	1000	1080	100	108	75-136	7	20	
1,1,2,2-Tetrachloroethane	ug/kg	1000	1010	1070	101	107	70-135	6	20	
1,1,2-Trichloroethane	ug/kg	1000	1010	1020	101	102	75-126	1	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	937	946	94	95	47-150	.9	20	
1,1-Dichloroethane	ug/kg	1000	944	1050	94	105	75-130	11	20	
1,1-Dichloroethene	ug/kg	1000	893	966	89	97	69-134	8	20	
1,1-Dichloropropene	ug/kg	1000	982	1070	98	107	70-130	8	20	
1,2,3-Trichlorobenzene	ug/kg	1000	980	947	98	95	75-141	3	20	
1,2,3-Trichloropropane	ug/kg	1000	1040	982	104	98	71-136	6	20	
1,2,4-Trichlorobenzene	ug/kg	1000	997	981	100	98	75-139	2	20	
1,2,4-Trimethylbenzene	ug/kg	1000	1060	1070	106	107	75-126	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	1000	1020	991	102	99	58-150	3	20	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

LABORATORY CONTROL SAMPLE & LCSD: 840047 840048

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	1000	920	1020	92	102	75-128	10	20	
1,2-Dichlorobenzene	ug/kg	1000	995	1020	100	102	75-125	3	20	
1,2-Dichloroethane	ug/kg	1000	976	1020	98	102	73-130	4	20	
1,2-Dichloropropane	ug/kg	1000	1010	1050	101	105	75-125	4	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1030	1050	103	105	75-125	2	20	
1,3-Dichlorobenzene	ug/kg	1000	995	1040	99	104	75-125	4	20	
1,3-Dichloropropane	ug/kg	1000	982	1050	98	105	75-125	6	20	
1,4-Dichlorobenzene	ug/kg	1000	997	999	100	100	75-131	.2	20	
2,2-Dichloropropane	ug/kg	1000	795	853	80	85	42-150	7	20	
2-Butanone (MEK)	ug/kg	1000	1040	1030	104	103	44-150	.6	20	
2-Chlorotoluene	ug/kg	1000	1050	1060	105	106	75-125	2	20	
4-Chlorotoluene	ug/kg	1000	1030	1050	103	105	75-125	2	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	1000	1010	1020	101	102	56-147	.6	20	
Acetone	ug/kg	2500	2420	2700	97	108	57-146	11	20	
Allyl chloride	ug/kg	1000	929	947	93	95	75-128	2	20	
Benzene	ug/kg	1000	949	1020	95	102	69-134	8	20	
Bromobenzene	ug/kg	1000	1010	1030	101	103	75-125	2	20	
Bromochloromethane	ug/kg	1000	1000	1070	100	107	75-125	7	20	
Bromodichloromethane	ug/kg	1000	996	1070	100	107	75-129	8	20	
Bromoform	ug/kg	1000	930	975	93	98	73-141	5	20	
Bromomethane	ug/kg	1000	911	861	91	86	71-142	6	20	
Carbon tetrachloride	ug/kg	1000	942	1030	94	103	73-141	9	20	
Chlorobenzene	ug/kg	1000	984	1010	98	101	75-125	2	20	
Chloroethane	ug/kg	1000	807	780	81	78	65-137	3	20	
Chloroform	ug/kg	1000	969	1060	97	106	75-127	9	20	
Chloromethane	ug/kg	1000	874	910	87	91	60-125	4	20	
cis-1,2-Dichloroethene	ug/kg	1000	1010	1060	101	106	75-129	5	20	
cis-1,3-Dichloropropene	ug/kg	1000	954	985	95	98	75-134	3	20	
Dibromochloromethane	ug/kg	1000	1020	1070	102	107	75-129	5	20	
Dibromomethane	ug/kg	1000	930	1020	93	102	75-127	10	20	
Dichlorodifluoromethane	ug/kg	1000	672	706	67	71	36-134	5	20	
Dichlorofluoromethane	ug/kg	1000	912	991	91	99	53-142	8	20	
Diethyl ether (Ethyl ether)	ug/kg	1000	1010	1020	101	102	64-131	2	20	
Ethylbenzene	ug/kg	1000	1020	1040	102	104	75-125	1	20	
Hexachloro-1,3-butadiene	ug/kg	500	495	516	99	103	70-150	4	20	
Isopropylbenzene (Cumene)	ug/kg	1000	1000	1040	100	104	75-127	4	20	
Methyl-tert-butyl ether	ug/kg	1000	967	1070	97	107	69-138	10	20	
Methylene Chloride	ug/kg	1000	802	885	80	89	69-130	10	20	
n-Butylbenzene	ug/kg	1000	1040	1050	104	105	75-135	.9	20	
n-Propylbenzene	ug/kg	1000	1050	1080	105	108	75-125	2	20	
Naphthalene	ug/kg	1000	934	914	93	91	75-142	2	20	
p-Isopropyltoluene	ug/kg	1000	1000	1030	100	103	75-133	3	20	
sec-Butylbenzene	ug/kg	1000	1050	1060	105	106	75-129	1	20	
Styrene	ug/kg	1000	1000	1040	100	104	75-125	3	20	
tert-Butylbenzene	ug/kg	1000	1050	1050	105	105	75-128	.1	20	
Tetrachloroethene	ug/kg	1000	957	973	96	97	75-130	2	20	
Tetrahydrofuran	ug/kg	10000	10100	10600	101	106	53-136	5	20	
Toluene	ug/kg	1000	988	1030	99	103	75-125	4	20	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

LABORATORY CONTROL SAMPLE & LCSD: 840047 840048

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/kg	1000	980	1020	98	102	75-132	4	20	
trans-1,3-Dichloropropene	ug/kg	1000	964	972	96	97	75-128	.8	20	
Trichloroethene	ug/kg	1000	952	1070	95	107	75-125	11	20	
Trichlorofluoromethane	ug/kg	1000	842	943	84	94	35-150	11	20	
Vinyl chloride	ug/kg	1000	824	911	82	91	60-126	10	20	
Xylene (Total)	ug/kg	3000	2950	3060	98	102	75-125	4	20	
1,2-Dichloroethane-d4 (S)	%				97	104	67-125			
4-Bromofluorobenzene (S)	%				105	112	75-132			
Dibromofluoromethane (S)	%				96	104	69-127			
Toluene-d8 (S)	%				102	108	75-144			

MATRIX SPIKE SAMPLE: 840396

Parameter	Units	10136154001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1600	1480	93	49-150	
1,1,1-Trichloroethane	ug/kg	ND	1600	1620	102	58-150	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1600	1730	108	54-146	
1,1,2-Trichloroethane	ug/kg	ND	1600	1570	98	48-154	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1600	1570	98	47-150	
1,1-Dichloroethane	ug/kg	ND	1600	1520	95	57-143	
1,1-Dichloroethene	ug/kg	ND	1600	1430	90	52-150	
1,1-Dichloropropene	ug/kg	ND	1600	1580	99	58-147	
1,2,3-Trichlorobenzene	ug/kg	ND	1600	1440	91	36-150	
1,2,3-Trichloropropane	ug/kg	ND	1600	1660	104	56-147	
1,2,4-Trichlorobenzene	ug/kg	ND	1600	1500	94	30-150	
1,2,4-Trimethylbenzene	ug/kg	ND	1600	1600	100	38-150	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1600	1550	97	30-150	
1,2-Dibromoethane (EDB)	ug/kg	ND	1600	1530	96	53-144	
1,2-Dichlorobenzene	ug/kg	ND	1600	1580	99	45-150	
1,2-Dichloroethane	ug/kg	ND	1600	1530	96	39-150	
1,2-Dichloropropane	ug/kg	ND	1600	1600	100	60-135	
1,3,5-Trimethylbenzene	ug/kg	ND	1600	1550	97	30-150	
1,3-Dichlorobenzene	ug/kg	ND	1600	1480	93	42-150	
1,3-Dichloropropane	ug/kg	ND	1600	1570	98	62-129	
1,4-Dichlorobenzene	ug/kg	ND	1600	1460	92	45-150	
2,2-Dichloropropane	ug/kg	ND	1600	1300	81	30-150	
2-Butanone (MEK)	ug/kg	ND	1600	1590	100	37-150	
2-Chlorotoluene	ug/kg	ND	1600	1600	100	30-150	
4-Chlorotoluene	ug/kg	ND	1600	1600	100	40-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1600	1680	105	45-150	
Acetone	ug/kg	ND	3980	3830	96	30-150	
Allyl chloride	ug/kg	ND	1600	1420	89	30-150	
Benzene	ug/kg	ND	1600	1540	97	57-140	
Bromobenzene	ug/kg	ND	1600	1600	100	57-141	
Bromochloromethane	ug/kg	ND	1600	1490	93	58-140	
Bromodichloromethane	ug/kg	ND	1600	1640	103	54-146	
Bromoform	ug/kg	ND	1600	1450	91	35-150	

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

MATRIX SPIKE SAMPLE: 840396

Parameter	Units	10136154001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	ND	1600	1280	80	30-150	
Carbon tetrachloride	ug/kg	ND	1600	1500	94	34-150	
Chlorobenzene	ug/kg	ND	1600	1550	97	54-142	
Chloroethane	ug/kg	ND	1600	1450	91	30-150	
Chloroform	ug/kg	ND	1600	1560	97	60-136	
Chloromethane	ug/kg	ND	1600	1460	91	44-129	
cis-1,2-Dichloroethene	ug/kg	ND	1600	1560	98	54-144	
cis-1,3-Dichloropropene	ug/kg	ND	1600	1500	94	52-141	
Dibromochloromethane	ug/kg	ND	1600	1560	97	43-150	
Dibromomethane	ug/kg	ND	1600	1600	100	55-139	
Dichlorodifluoromethane	ug/kg	ND	1600	1240	78	30-150	
Dichlorofluoromethane	ug/kg	ND	1600	1490	93	53-142	
Diethyl ether (Ethyl ether)	ug/kg	ND	1600	1610	101	59-135	
Ethylbenzene	ug/kg	ND	1600	1570	98	51-150	
Hexachloro-1,3-butadiene	ug/kg	ND	798	736	92	30-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1600	1550	97	41-150	
Methyl-tert-butyl ether	ug/kg	ND	1600	1620	101	52-139	
Methylene Chloride	ug/kg	ND	1600	1290	81	56-138	
n-Butylbenzene	ug/kg	ND	1600	1570	98	30-150	
n-Propylbenzene	ug/kg	ND	1600	1650	103	30-150	
Naphthalene	ug/kg	ND	1600	1410	88	30-150	
p-Isopropyltoluene	ug/kg	ND	1600	1530	96	30-150	
sec-Butylbenzene	ug/kg	ND	1600	1630	102	30-150	
Styrene	ug/kg	ND	1600	1560	97	40-150	
tert-Butylbenzene	ug/kg	ND	1600	1590	100	61-150	
Tetrachloroethene	ug/kg	ND	1600	1510	94	30-150	
Tetrahydrofuran	ug/kg	ND	16000	16400	103	53-136	
Toluene	ug/kg	ND	1600	1580	99	50-146	
trans-1,2-Dichloroethene	ug/kg	ND	1600	1500	94	58-139	
trans-1,3-Dichloropropene	ug/kg	ND	1600	1470	92	43-146	
Trichloroethene	ug/kg	ND	1600	1610	101	30-150	
Trichlorofluoromethane	ug/kg	ND	1600	1500	94	30-150	
Vinyl chloride	ug/kg	ND	1600	1470	92	45-142	
Xylene (Total)	ug/kg	ND	4790	4660	97	43-150	
1,2-Dichloroethane-d4 (S)	%				85	67-125	
4-Bromofluorobenzene (S)	%				86	75-132	
Dibromofluoromethane (S)	%				83	69-127	
Toluene-d8 (S)	%				84	75-144	

SAMPLE DUPLICATE: 840397

Parameter	Units	10136154003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	

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(612)607-1700

QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

SAMPLE DUPLICATE: 840397

Parameter	Units	10136154003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Allyl chloride	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Dichlorofluoromethane	ug/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

SAMPLE DUPLICATE: 840397

Parameter	Units	10136154003 Result	Dup Result	RPD	Max RPD	Qualifiers
Naphthalene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Tetrahydrofuran	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	91	88	1		
4-Bromofluorobenzene (S)	%	94	90	.3		
Dibromofluoromethane (S)	%	87	85	3		
Toluene-d8 (S)	%	94	89	.6		

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(612)607-1700

QUALIFIERS

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31810793.0200 340 27th Ave
Pace Project No.: 10136083

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10136083001	**B4-5ft**	WI MOD DRO	OEXT/13599	WI MOD DRO	GCSV/7118
10136083002	**B2-5ft**	WI MOD DRO	OEXT/13599	WI MOD DRO	GCSV/7118
10136083003	**B1-5ft**	WI MOD DRO	OEXT/13599	WI MOD DRO	GCSV/7118
10136083001	**B4-5ft**	EPA 3050	MPRP/21923	EPA 6010	ICP/9601
10136083002	**B2-5ft**	EPA 3050	MPRP/21923	EPA 6010	ICP/9601
10136083003	**B1-5ft**	EPA 3050	MPRP/21923	EPA 6010	ICP/9601
10136083001	**B4-5ft**	EPA 7471	MERP/4731	EPA 7471	MERC/5572
10136083002	**B2-5ft**	EPA 7471	MERP/4731	EPA 7471	MERC/5572
10136083003	**B1-5ft**	EPA 7471	MERP/4731	EPA 7471	MERC/5572
10136083001	**B4-5ft**	% Moisture	MPRP/21915		
10136083002	**B2-5ft**	% Moisture	MPRP/21915		
10136083003	**B1-5ft**	% Moisture	MPRP/21915		
10136083001	**B4-5ft**	EPA 3550	OEXT/13600	EPA 8270 by SIM	MSSV/5786
10136083002	**B2-5ft**	EPA 3550	OEXT/13600	EPA 8270 by SIM	MSSV/5786
10136083003	**B1-5ft**	EPA 3550	OEXT/13600	EPA 8270 by SIM	MSSV/5786
10136083001	**B4-5ft**	EPA 5035/5030B	MSV/15176	EPA 8260	MSV/15177
10136083002	**B2-5ft**	EPA 5035/5030B	MSV/15176	EPA 8260	MSV/15177
10136083003	**B1-5ft**	EPA 5035/5030B	MSV/15176	EPA 8260	MSV/15177

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1013 6083

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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: of

1230385

Section A Required Client Information:

Company: URS Corp
Address: 100 South 5th St
Suite 1500
Email To: Todd.Renville@URSCorp.Com
Phone: 612-370-0700 Fax:
Requested Due Date/TAT: 5-DAY

Section B Required Project Information:

Report To: Todd Renville
Copy To: Mary Canino
Purchase Order No.: 31810793
Project Name: 340 27th Ave - Welding
Project Number: 31810793.02000

Section C Invoice Information:

Attention: Todd Renville
Company Name: URS Corp
Address:
Pace Quote Reference:
Pace Project Manager: Carolynne Trout
Pace Profile #:

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

Site Location STATE: MN

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): DRO	PAH	RCRA Metals	VOC	% Moist	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B4-5ft	SL	G			8/18	1000		3	X						X		X	X	X	X	X		001
2	B2-5ft	SL	G			8/18	1010		3	X						X		X	X	X	X	X		002
3	B1-5ft	SL	G			8/18	1020		3	X						X		X	X	X	X	X		003
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Dustin Daniels / URS	8/19	0933	Pace MN	8/19/10	0937	1.8°C	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Dustin Daniels
SIGNATURE of SAMPLER: Dustin Daniels
DATE Signed (MM/DD/YY): 08/19/2010

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

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: UPS **Project #** 10136083

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

Tracking #: _____

Optional:
Proj. Due Date:
Proj. Name:

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____ Temp Blank: Yes X No _____

Thermometer Used ~~80344042~~ or 179425 **Type of Ice:** Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1.8C **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 8/19/10

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.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	Samp #
Exceptions: VOA,Coliform, TOC, Oil and Grease, WI-DRO (water)	☐Yes ☑No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: C Dust **Date:** 8/19/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR.

F-L213Rev.00, 05Aug2009

Pace Analytical Services, Inc.
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

Appendix B
Soil Boring Logs

URS

ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-1
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 1 OF 2
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING
BORING DEPTH: 32 ft bgs			START / FINISH
GROUND SURFACE ELEVATION:	WATER LEVEL: 28		TIME / TIME
DATUM:	TIME:		1000 / 1110
COMMENTS:	DATE:		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Asphalt

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
			ML			Asphalt and GRAVEL (0-0.3 ft), dark brown, dry, loose; fine to medium, subrounded to rounded gravel (5% fines, 5% sand, 90% gravel).
		0.3		1		GRAVELLY SILT (0.3-0.5 ft), brown, dry, soft, nonplastic; fine, subrounded to rounded gravel (60% fines, 40% gravel).
	3/4		SP	2		SAND (0.5-3 ft), light brown, dry, loose, fine to medium grained (100% sand).
			--	3		NO RECOVERY (3-4 ft).
GP-1-4ft		0.3		4		SAND (4-16 ft), light brown, dry, loose, fine to medium grained (100% sand).
	4/4	0.2		5		
				6		
				7		
		0.3	SP	8		(8 ft) grades to brown, moist.
				9		
	4/4	0.3		10		
				11		(11 ft) grades to light brown, dry.
		0.2		12		
				13		
	4/4			14		
		0.3		15		
		0.3		16		SAND (16-24 ft), light brown, moist, loose; fine to coarse, subrounded sand (100% sand).
				17		
	4/4	0.4	SW	18		
				19		
		0.3				

URS

ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-1
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 2 OF 2
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING START / FINISH
BORING DEPTH: 32 ft bgs			
GROUND SURFACE ELEVATION:	WATER LEVEL: 28		TIME / TIME
DATUM:	TIME:		1000 / 1110
COMMENTS:	DATE:		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Asphalt

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
	4/4		SW	21, 22, 23		(20 ft) dry.
	4/4		SP	24, 25, 26, 27, 28, 29, 30, 31, 32		SAND (24-32 ft), light brown, moist, loose; medium to coarse, subrounded sand (100% sand). (28 ft) grades to brown, wet.
GP1-GW-32ft				33, 34, 35, 36, 37, 38, 39		Boring advanced to 32 ft below grade. Temporary groundwater point sampler set at 32 ft. Boring sealed with bentonite.

ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-2
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 1 OF 2
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING
BORING DEPTH: 28 ft bgs			START / FINISH
GROUND SURFACE ELEVATION:	WATER LEVEL: 30		TIME / TIME
DATUM:	TIME:		1130 / 1300
COMMENTS:	DATE:		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Asphalt

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
			GM			SILTY GRAVEL (0-0.5 ft), light gray, dry, loose; fine to coarse, subrounded to rounded gravel (20% fines, 80% gravel).
		0.4	SM	1		SILTY SAND (0.5-1.5 ft), brown, dry, loose, fine to medium grained (20% fines, 80% sand).
	4/4		ML	2		GRAVELLY SILT (1.5-2 ft), light gray, dry, soft, nonplastic; fine to medium, subangular to subrounded gravel (80% fines, 20% gravel).
			SP	3		GRAVELLY SAND (2-3.5 ft), brown, dry, loose, fine to medium sand; fine, subrounded to rounded sand (80% sand, 20% gravel).
		0.3	ML	4		GRAVELLY SILT (3.5-4 ft), light gray, dry, soft, nonplastic, fine to medium, subangular to subrounded gravel (80% fines, 20% gravel).
				5		SAND (4-8 ft), brown and black, dry, soft, fine to medium grained (100% sand).
	4/4	0.4	SP	6		
				7		
		0.3		8		
				9		SAND (8-12 ft), brown with reddish brown, dry to moist, loose; fine to coarse grained, subrounded (100% sand).
	4/4			10		
				11		(11 ft) grades to very dark brown and black, dry.
GP-2-12ft		0.7	SW	12		(12 ft) grades to light brown.
		0.3		13		
	4/4			14		
				15		
		0.4		16		SAND (16-26 ft), light brown, moist, loose; medium to coarse, subrounded (100% sand).
				17		
	4/4	0.3	SP	18		
				19		
		0.3				

URS

ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-2
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 2 OF 2
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING
BORING DEPTH: 28 ft bgs			START / FINISH
GROUND SURFACE ELEVATION:	WATER LEVEL: 30		TIME / TIME
DATUM:	TIME:		1130 / 1300
COMMENTS:	DATE:		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Asphalt

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
	4/4		SP	21, 22, 23		(20 ft) grades fine to medium.
		0.4		24, 25		(24 ft) grades medium to coarse, moist to wet, brown.
	4/4	0.4		26		GRAVELLY SAND with trace gray CLAY (26-28 ft), brown with gray, wet, loose; fine to coarse, subrounded sand (2% fines, 83% sand, 15% gravel).
GP2-GW-28ft		0.4	SW	27, 28		
				29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39		Boring advanced to 28 ft below grade. Temporary groundwater point sampler set at 28 ft. Boring sealed with bentonite.

URS

ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-3
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 1 OF 1
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING
BORING DEPTH: 8 ft bgs			START / FINISH
GROUND SURFACE ELEVATION:	WATER LEVEL: NA		TIME / TIME
DATUM:	TIME: 1445		1445 / 1515
COMMENTS:	DATE: 8/2/10		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Concrete

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
						Concrete (0-0.3 ft).
	4/4	0.3	ML	1, 2, 3		SANDY SILT (0.3-5 ft), yellowish brown, dry, soft, nonplastic, fine sand (80% fines, 20% sand).
		0.3		4		
		0.3	ML	5		GRAVELLY SILT (5-5.25 ft), light gray, dry, soft, nonplastic; fine to medium, subrounded gravel (70% fines, 30% gravel).
	4/4		SM	6, 7		SILTY SAND (5.25-8 ft), brown to dark brown, dry, loose, fine sand (10% fines, 90% sand).
GP-3-8ft		0.3		8		
				9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		Refusal at 8 ft below grade. Boring sealed with bentonite.

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ENVIRONMENTAL BORING LOG

CLIENT: City of Minneapolis	JOB NO.: 31810829	LOCATION: Minneapolis, Minnesota	
PROJECT: 340 27th Avenue NE (Wheeling Corrugating)	DRILLING METHOD: Geoprobe - Direct Push Technology		BORING NO. GP-4
LOGGED BY: M. Canino / CHECKED BY: S. Frail			SHEET 1 OF 1
DRILLING CONTR.: Thein Well Company			
DRILLER: N. Herrboldt / EQUIP.: Geoprobe	SAMPLING METHOD: 4-foot continuous		DRILLING
BORING DEPTH: 7 ft bgs			START / FINISH
GROUND SURFACE ELEVATION:	WATER LEVEL: NA		TIME / TIME
DATUM:	TIME:		1320 / 1430
COMMENTS:	DATE:		DATE / DATE
	CASING DEPTH:		8/2/10 / 8/2/10

SURFACE CONDITIONS: Concrete

SAMPLE ID	RECOVERED (ft) / DRIVEN (ft)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	LITHOLOGIC DESCRIPTION
						Concrete (0-0.3 ft).
		0.0		1		SANDY SILT (0.3-4 ft), yellowish brown, dry, soft, nonplastic, fine sand (85% fines, 15% sand).
	3/4	0.0	ML	2		
				3		
		0.0		4		GRAVELLY SILT (4-4.5 ft), light gray, dry, soft, nonplastic; fine to medium, subrounded gravel (80% fines, 20% gravel).
		0.2	ML	5		SILTY SAND (4.5-7 ft), brown to dark brown, dry, loose, fine sand (20% fines, 80% sand).
	3/3		SM	6		
GP-4-7ft		0.2		7		Refusal at 7 ft below grade. Boring sealed with bentonite.
				8		
				9		
				10		
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		