LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUNDWATER AND ENVIRONMENTAL ENGINEERING SERVICES

6409 Odana Road, Suite 11
Madison, WI 53719
608-441-5544
FAX 608-441-5545
www.lbgweb.com

RECEIVED

AUG 7 2015

DNR R&R
SOUTH CENTRAL REGION

August 6, 2015

Mr. Woody Myers
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

Re: June 2015 Groundwater Monitoring Report
Refuse Hideaway Landfill
WDNR PO# YME 00001000
7562 Highway 14
Middleton, Wisconsin 53562

Dear Mr. Myers:

Leggette, Brashears & Graham, Inc. (LBG) is pleased to submit this report for the June 2015 groundwater monitoring event at the Refuse Hideaway Landfill (Site), as required in Section III Schedule and Deliverables of the Site's Specifications/Work Scope (Revised March 2015). Included with this letter please find a data CD (to be forwarded to GEMS) and the Environmental Monitoring Data Certification Form (**Attachment 1**), NR 140 Exceedance Reports (**Attachment 2**), laboratory analytical reports (**Attachment 3**), and a Summary of Groundwater Elevations - June 2015 (**Attachment 4**). Three copies of an itemized invoice for services performed and a State of Wisconsin Invoice for Professional Services are also provided with this report.

Sampling Plan Deviations

LBG sampled 44 monitoring wells and 8 drinking water wells. Groundwater elevations were measured at monitoring wells without a packer installed. The following deviations from the sampling plan were noted:

- A groundwater sample was not collected from well P-26D. Previous attempts to remove the pump have been unsuccessful, possibly due to a collapsed screen or casing. The pump also has ruptured water and air lines.
- Due to FedEx shipment delays, the groundwater sample from P-29S was received at the lab with a temperature of 21.5 °C, which is above the ideal shipment temperature of 6 °C. The sample was received within the allowable 14-day hold time and analyzed according to SW846-8260.

Future Actions

The next groundwater sampling event is scheduled for November 2015. If you have any questions or comments, please contact me at 608.310.7672.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.

Jennifer Shelton

Jennifer Shelton, P.E.
Associate

Attachments:

Attachment 1: Data CD and Environmental Monitoring Data Certification
Attachment 2: NR 140 Exceedance Reports
Attachment 3: Laboratory Analytical Reports
Attachment 4: Summary of Groundwater Elevations – June 2015

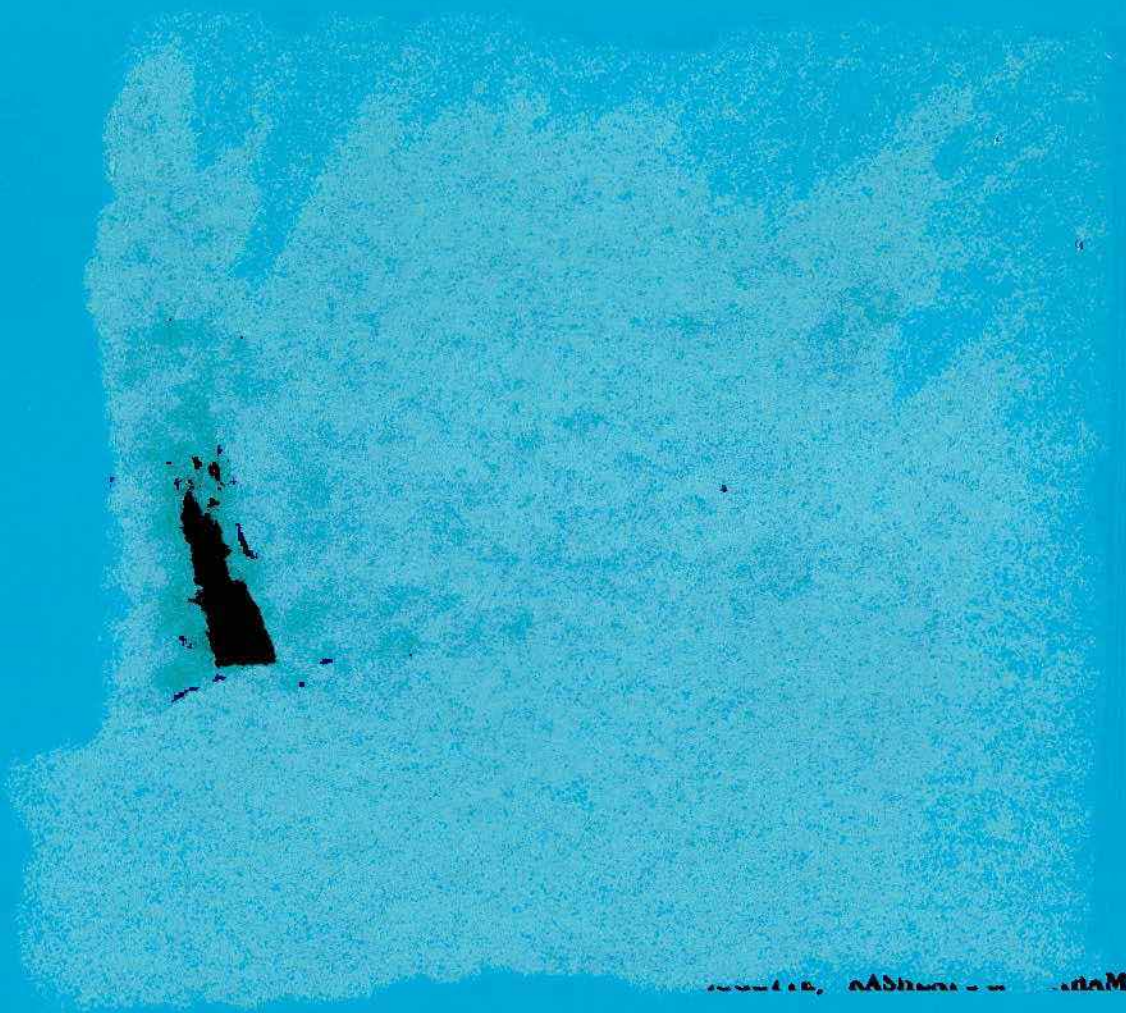
Enclosures:

Three (3) copies of an itemized invoice for services performed
Three (3) copies of a State of Wisconsin Invoice for Professional Services

Attachments
JAS/jv
J:\Refuse Hideaway\GW Sampling\Reporting\Annual - June 2015\Refuse Groundwater Monitoring Report JUN 2015.doc

ATTACHMENT 1

Data CD and Environmental Monitoring Data Certification



State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Leggette, Brashears & Graham, Inc. (consultant)

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Jennifer Shelton Phone: (608) 310-7672

E-mail: jshelton@lbgmad.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Refuse Hideaway LF	1953		June 1 - June 26, 2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

June 2015

Type of Data Submitted (Check all that apply)

- [X] Groundwater monitoring data from monitoring wells
- [X] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [X] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Jennifer Shelton	Associate	(608) 310-7672
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Jennifer Shelton 8-6-15

Signature Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials**
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** [ ] **Other**

ATTACHMENT 2

NR 140 Exceedance Reports

ATTACHMENT 2

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF NR 140 EXCEEDANCES BY PARAMETER - JUNE 2015

Parameter	Sample ID	DNR Well ID	Units	Laboratory Result	Exceedance Type	PAL	ES
Tetrachloroethene	P-27S	121	ug/L	3.2	PAL	0.5	5
	P-27D	122	ug/L	19.3	ES		
	P-28S	123	ug/L	1.5	PAL		
	P-17S	128	ug/L	5.1	ES		
	P-18S	129	ug/L	11	ES		
	P-18S	129	ug/L	DUP 10.7	ES		
	P-22S	135	ug/L	3	PAL		
	P-22S	135	ug/L	DUP 4.1	PAL		
	P-22D	136	ug/L	1.6	PAL		
	P-23S	137	ug/L	1	PAL		
	P-9S	139	ug/L	J 0.71	PAL		
	P-26S	141	ug/L	J 0.78	PAL		
	P-31IA	146	ug/L	4	PAL		
	P-31IB	147	ug/L	3.3	PAL		
	P-40D	161	ug/L	3.5	PAL		
	P-40I	162	ug/L	5.3	ES		
	P-20SR	167	ug/L	2.7	PAL		
	P-22E	174	ug/L	5.8	ES		
	P-43D	177	ug/L	J 0.93	PAL		
	7750 USH 14	311	ug/L	2.9	PAL		
Trichloroethene	P-27D	122	ug/L	2.8	PAL	0.5	5
	P-16D	127	ug/L	J 0.52	PAL		
	P-17S	128	ug/L	1.8	PAL		
	P-18S	129	ug/L	1	PAL		
	P-18S	129	ug/L	DUP J 0.95	PAL		
	P-21BR	134	ug/L	1.3	PAL		
	P-22S	135	ug/L	J 0.55	PAL		
	P-22S	135	ug/L	DUP J 0.87	PAL		
	P-31IA	146	ug/L	1	PAL		
	P-31IB	147	ug/L	J 0.80	PAL		
	P-40D	161	ug/L	J 0.77	PAL		
	P-40I	162	ug/L	1.1	PAL		
	P-22E	174	ug/L	1.1	PAL		
	7750 USH 14	311	ug/L	0.67	PAL		

ATTACHMENT 2

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF NR 140 EXCEEDANCES BY PARAMETER - JUNE 2015

Parameter	Sample ID	DNR Well ID	Units	Laboratory Result	Exceedance Type	PAL	ES
Tetrahydrofuran	P-21D	113	ug/L	59	ES	10.0	50
	P-24D	115	ug/L	10	PAL		
	P-16D	127	ug/L	80.4	ES		
	P-9D	140	ug/L	51.1	ES		
Vinyl chloride	P-24D	115	ug/L	8.9	ES	0.02	0.2
	P-17S	128	ug/L	J 0.41	ES		
cis-1,2-Dichloroethene	P-24D	115	ug/L	12	PAL	7	70
	P-17S	128	ug/L	7.3	PAL		
Benzene	P-16D	127	ug/L	1.8	PAL	0.5	5
	P-9D	140	ug/L	J 0.71	PAL		

PAL : Preventative Action Limit.
ES : Enforcement Standard.
DUP : Duplicate sample.
J : Estimated concentration is above the adjusted method detection limit and below the adjusted reporting limit.
ug/L : Micrograms per liter.

ATTACHMENT 2

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF NR 140 EXCEEDANCES BY WELL - JUNE 2015

Sample ID	DNR Well ID	Parameter	Units	Laboratory Result	Exceedance Type	PAL	ES
P-21D	113	Tetrahydrofuran	ug/L	59	ES	10	50
P-24D	115	cis-1,2-Dichloroethene	ug/L	12	PAL	7.0	70
P-24D	115	Tetrahydrofuran	ug/L	10	PAL	10.0	50
P-24D	115	Vinyl chloride	ug/L	8.9	ES	0.02	0.2
P-27S	121	Tetrachloroethene	ug/L	3.2	PAL	0.5	5
P-27D	122	Tetrachloroethene	ug/L	19.3	ES	0.5	5
P-27D	122	Trichloroethene	ug/L	2.8	PAL	0.5	5
P-28S	123	Tetrachloroethene	ug/L	1.5	PAL	0.5	5
P-16D	127	Benzene	ug/L	1.8	PAL	0.5	5
P-16D	127	Tetrahydrofuran	ug/L	80.4	ES	10	50
P-16D	127	Trichloroethene	ug/L	J 0.52	PAL	0.5	5.0
P-17S	128	cis-1,2-Dichloroethene	ug/L	7.3	PAL	7	70
P-17S	128	Tetrachloroethene	ug/L	5.1	ES	0.5	5
P-17S	128	Trichloroethene	ug/L	1.8	PAL	0.5	5
P-17S	128	Vinyl chloride	ug/L	J 0.41	ES	0.02	0.20
P-18S	129	Tetrachloroethene	ug/L	11	ES	0.5	5
P-18S	129	Tetrachloroethene	ug/L	DUP 10.7	ES	0.5	5
P-18S	129	Trichloroethene	ug/L	1	PAL	0.5	5
P-18S	129	Trichloroethene	ug/L	DUP J 0.95	PAL	0.5	5
P-21BR	134	Trichloroethene	ug/L	1.3	PAL	0.5	5
P-22S	135	Tetrachloroethene	ug/L	3	PAL	0.5	5
P-22S	135	Tetrachloroethene	ug/L	DUP 4.1	PAL	0.5	5
P-22S	135	Trichloroethene	ug/L	J 0.55	PAL	0.5	5
P-22S	135	Trichloroethene	ug/L	DUP J 0.87	PAL	0.5	5
P-22D	136	Tetrachloroethene	ug/L	1.6	PAL	0.5	5
P-23S	137	Tetrachloroethene	ug/L	1	PAL	0.5	5
P-9S	139	Tetrachloroethene	ug/L	J 0.71	PAL	0.5	5
P-9D	140	Benzene	ug/L	J 0.71	PAL	0.5	5
P-9D	140	Tetrahydrofuran	ug/L	51.1	ES	10.0	50
P-26S	141	Tetrachloroethene	ug/L	J 0.78	PAL	0.5	5
P-31IA	146	Tetrachloroethene	ug/L	4	PAL	0.5	5
P-31IA	146	Trichloroethene	ug/L	1	PAL	0.5	5
P-31IB	147	Tetrachloroethene	ug/L	3.3	PAL	0.5	5
P-31IB	147	Trichloroethene	ug/L	J 0.80	PAL	0.5	5
P-40D	161	Tetrachloroethene	ug/L	3.5	PAL	0.5	5
P-40D	161	Trichloroethene	ug/L	J 0.77	PAL	0.5	5

ATTACHMENT 2

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF NR 140 EXCEEDANCES BY WELL - JUNE 2015

Sample ID	DNR Well ID	Parameter	Units	Laboratory Result	Exceedance Type	PAL	ES
P-40I	162	Tetrachloroethene	ug/L	5.3	ES	0.5	5
P-40I	162	Trichloroethene	ug/L	1.1	PAL	0.5	5
P-20SR	167	Tetrachloroethene	ug/L	2.7	PAL	0.5	5
P-22E	174	Tetrachloroethene	ug/L	5.8	ES	0.5	5
P-22E	174	Trichloroethene	ug/L	1.1	PAL	0.5	5
P-43D	177	Tetrachloroethene	ug/L	J 0.93	PAL	0.5	5
7750 USH 14	311	Tetrachloroethene	ug/L	2.90	PAL	0.5	5
7750 USH 14	311	Trichloroethene	ug/L	0.67	PAL	0.5	5

PAL : Preventative Action Limit.
ES : Enforcement Standard.
DUP : Duplicate sample.
J : Estimated concentration is above the adjusted method detection limit and below the adjusted reporting limit.
ug/L : Micrograms per liter.

ATTACHMENT 3

Laboratory Analytical Reports

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 15, 2015

Jennifer Shelton
Leggette Brashears & Graham-WI
6409 Odana Road, Suite C
Madison, WI 53719

RE: Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Dear Jennifer Shelton:
Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Charles Burgis, Leggette Brashears & Graham-WI
Andrew Horn, Leggette Brashears & Graham-WI
Alexander Moreland, Leggette Brashears & Graham-WI

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40116076001	P-22S	Water	06/02/15 09:37	06/05/15 09:45
40116076002	P-26S	Water	06/02/15 10:40	06/05/15 09:45
40116076003	P-27S	Water	06/02/15 14:23	06/05/15 09:45
40116076004	P-18S	Water	06/02/15 16:24	06/05/15 09:45
40116076005	P-22D	Water	06/02/15 09:34	06/05/15 09:45
40116076006	P-43I	Water	06/01/15 16:50	06/05/15 09:45
40116076007	P-28S	Water	06/02/15 13:35	06/05/15 09:45
40116076008	P-23D	Water	06/02/15 17:54	06/05/15 09:45
40116076009	P-33D	Water	06/02/15 17:13	06/05/15 09:45
40116076010	P-22E	Water	06/02/15 09:06	06/05/15 09:45
40116076011	P-23S	Water	06/02/15 18:08	06/05/15 09:45
40116076012	P-43D	Water	06/02/15 08:26	06/05/15 09:45
40116076013	P-27D	Water	06/02/15 14:36	06/05/15 09:45
40116076014	P-20SR	Water	06/02/15 17:35	06/05/15 09:45
40116076015	P-43S	Water	06/01/15 16:20	06/05/15 09:45
40116076016	P-18S DUP	Water	06/02/15 16:24	06/05/15 09:45
40116076017	P-17S	Water	06/02/15 12:20	06/05/15 09:45
40116076018	P-22S DUP	Water	06/02/15 09:42	06/05/15 09:45
40116076019	4610 ROCKY DELL	Water	06/02/15 15:30	06/05/15 09:45
40116076020	TRIP BLANK	Water	06/02/15 15:30	06/05/15 09:45

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40116076001	P-22S	EPA 8260	LAP	45	PASI-G
40116076002	P-26S	EPA 8260	LAP	45	PASI-G
40116076003	P-27S	EPA 8260	LAP	45	PASI-G
40116076004	P-18S	EPA 8260	LAP	45	PASI-G
40116076005	P-22D	EPA 8260	LAP	45	PASI-G
40116076006	P-43I	EPA 8260	LAP	45	PASI-G
40116076007	P-28S	EPA 8260	LAP	45	PASI-G
40116076008	P-23D	EPA 8260	LAP	45	PASI-G
40116076009	P-33D	EPA 8260	LAP	45	PASI-G
40116076010	P-22E	EPA 8260	LAP	45	PASI-G
40116076011	P-23S	EPA 8260	LAP	45	PASI-G
40116076012	P-43D	EPA 8260	LAP	45	PASI-G
40116076013	P-27D	EPA 8260	LAP	45	PASI-G
40116076014	P-20SR	EPA 8260	LAP	45	PASI-G
40116076015	P-43S	EPA 8260	LAP	45	PASI-G
40116076016	P-18S DUP	EPA 8260	LAP	45	PASI-G
40116076017	P-17S	EPA 8260	LAP	45	PASI-G
40116076018	P-22S DUP	EPA 8260	LAP	45	PASI-G
40116076019	4610 ROCKY DELL	EPA 524.2	SH2	45	PASI-M
40116076020	TRIP BLANK	EPA 8260	LAP	45	PASI-G

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40116076001	**P-22S**					
EPA 8260	Dichlorodifluoromethane	0.48J	ug/L	1.0	06/08/15 10:37	
EPA 8260	Tetrachloroethene	3.0	ug/L	1.0	06/08/15 10:37	
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	06/08/15 10:37	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	06/08/15 10:37	
40116076002	**P-26S**					
EPA 8260	Tetrachloroethene	0.78J	ug/L	1.0	06/08/15 09:52	
40116076003	**P-27S**					
EPA 8260	Tetrachloroethene	3.2	ug/L	1.0	06/08/15 11:00	
40116076004	**P-18S**					
EPA 8260	Dichlorodifluoromethane	1.2	ug/L	1.0	06/08/15 11:22	
EPA 8260	Tetrachloroethene	11.0	ug/L	1.0	06/08/15 11:22	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/08/15 11:22	
EPA 8260	Trichlorofluoromethane	0.25J	ug/L	1.0	06/08/15 11:22	
EPA 8260	cis-1,2-Dichloroethene	0.58J	ug/L	1.0	06/08/15 11:22	
40116076005	**P-22D**					
EPA 8260	Tetrachloroethene	1.6	ug/L	1.0	06/08/15 11:45	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	06/08/15 11:45	
40116076007	**P-28S**					
EPA 8260	Tetrachloroethene	1.5	ug/L	1.0	06/09/15 02:45	
40116076010	**P-22E**					
EPA 8260	Dichlorodifluoromethane	0.98J	ug/L	1.0	06/08/15 13:05	
EPA 8260	Tetrachloroethene	5.8	ug/L	1.0	06/08/15 13:05	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	06/08/15 13:05	
EPA 8260	Trichlorofluoromethane	0.32J	ug/L	1.0	06/08/15 13:05	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	06/08/15 13:05	
40116076011	**P-23S**					
EPA 8260	Tetrachloroethene	1.0	ug/L	1.0	06/08/15 13:28	
40116076012	**P-43D**					
EPA 8260	Dichlorodifluoromethane	0.37J	ug/L	1.0	06/08/15 13:50	
EPA 8260	Tetrachloroethene	0.93J	ug/L	1.0	06/08/15 13:50	
40116076013	**P-27D**					
EPA 8260	1,1-Dichloroethane	0.90J	ug/L	1.0	06/08/15 14:13	
EPA 8260	Acetone	4.3J	ug/L	20.0	06/08/15 14:13	
EPA 8260	Dichlorodifluoromethane	1.2	ug/L	1.0	06/08/15 14:13	
EPA 8260	Tetrachloroethene	19.3	ug/L	1.0	06/08/15 14:13	
EPA 8260	Trichloroethene	2.8	ug/L	1.0	06/08/15 14:13	
EPA 8260	Trichlorofluoromethane	0.60J	ug/L	1.0	06/08/15 14:13	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	06/08/15 14:13	
40116076014	**P-20SR**					
EPA 8260	Dichlorodifluoromethane	0.61J	ug/L	1.0	06/08/15 14:35	
EPA 8260	Tetrachloroethene	2.7	ug/L	1.0	06/08/15 14:35	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40116076016	**P-18S DUP**					
EPA 8260	Dichlorodifluoromethane	1.1	ug/L	1.0	06/09/15 03:08	
EPA 8260	Tetrachloroethene	10.7	ug/L	1.0	06/09/15 03:08	
EPA 8260	Trichloroethene	0.95J	ug/L	1.0	06/09/15 03:08	
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	06/09/15 03:08	
40116076017	**P-17S**					
EPA 8260	Tetrachloroethene	5.1	ug/L	1.0	06/08/15 15:20	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	06/08/15 15:20	
EPA 8260	Vinyl chloride	0.41J	ug/L	1.0	06/08/15 15:20	
EPA 8260	cis-1,2-Dichloroethene	7.3	ug/L	1.0	06/08/15 15:20	
40116076018	**P-22S DUP**					
EPA 8260	Dichlorodifluoromethane	0.87J	ug/L	1.0	06/09/15 03:30	
EPA 8260	Tetrachloroethene	4.1	ug/L	1.0	06/09/15 03:30	
EPA 8260	Trichloroethene	0.87J	ug/L	1.0	06/09/15 03:30	
EPA 8260	Trichlorofluoromethane	0.25J	ug/L	1.0	06/09/15 03:30	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	06/09/15 03:30	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-22S **Lab ID: 40116076001** Collected: 06/02/15 09:37 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 10:37	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 10:37	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 10:37	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 10:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:37	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 10:37	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:37	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 10:37	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 10:37	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 10:37	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 10:37	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 10:37	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 10:37	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 10:37	74-95-3	
Dichlorodifluoromethane	**0.48J**	ug/L	1.0	0.22	1		06/08/15 10:37	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 10:37	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:37	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 10:37	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	100-42-5	
Tetrachloroethene	**3.0**	ug/L	1.0	0.50	1		06/08/15 10:37	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 10:37	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	108-88-3	
Trichloroethene	**0.55J**	ug/L	1.0	0.33	1		06/08/15 10:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:37	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:37	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 10:37	1330-20-7	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.26	1		06/08/15 10:37	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:37	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 10:37	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 10:37	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 10:37	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/15 10:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-26S **Lab ID: 40116076002** Collected: 06/02/15 10:40 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 09:52	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 09:52	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 09:52	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 09:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 09:52	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 09:52	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 09:52	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 09:52	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 09:52	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 09:52	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 09:52	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 09:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 09:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 09:52	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 09:52	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 09:52	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 09:52	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 09:52	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	100-42-5	
Tetrachloroethene	**0.78J**	ug/L	1.0	0.50	1		06/08/15 09:52	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 09:52	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 09:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 09:52	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 09:52	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 09:52	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 09:52	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 09:52	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 09:52	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 09:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 09:52	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		06/08/15 09:52	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/08/15 09:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-27S **Lab ID: 40116076003** Collected: 06/02/15 14:23 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 11:00	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 11:00	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 11:00	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 11:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:00	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:00	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:00	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:00	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:00	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 11:00	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 11:00	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 11:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 11:00	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 11:00	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:00	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:00	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:00	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	100-42-5	
Tetrachloroethene	**3.2**	ug/L	1.0	0.50	1		06/08/15 11:00	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 11:00	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 11:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:00	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 11:00	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 11:00	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:00	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 11:00	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 11:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 11:00	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/08/15 11:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-18S **Lab ID: 40116076004** Collected: 06/02/15 16:24 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 11:22	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 11:22	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 11:22	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 11:22	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:22	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:22	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:22	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:22	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:22	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 11:22	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 11:22	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 11:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 11:22	74-95-3	
Dichlorodifluoromethane	**1.2**	ug/L	1.0	0.22	1		06/08/15 11:22	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:22	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:22	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:22	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	100-42-5	
Tetrachloroethene	**11.0**	ug/L	1.0	0.50	1		06/08/15 11:22	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 11:22	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	108-88-3	
Trichloroethene	**1.0**	ug/L	1.0	0.33	1		06/08/15 11:22	79-01-6	
Trichlorofluoromethane	**0.25J**	ug/L	1.0	0.18	1		06/08/15 11:22	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:22	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 11:22	1330-20-7	
cis-1,2-Dichloroethene	**0.58J**	ug/L	1.0	0.26	1		06/08/15 11:22	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:22	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 11:22	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 11:22	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/08/15 11:22	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/08/15 11:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-22D **Lab ID: 40116076005** Collected: 06/02/15 09:34 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 11:45	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 11:45	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 11:45	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 11:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:45	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:45	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:45	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:45	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 11:45	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 11:45	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 11:45	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 11:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 11:45	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 11:45	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 11:45	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:45	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 11:45	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	100-42-5	
Tetrachloroethene	**1.6**	ug/L	1.0	0.50	1		06/08/15 11:45	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 11:45	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 11:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:45	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 11:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 11:45	1330-20-7	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.26	1		06/08/15 11:45	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 11:45	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 11:45	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 11:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/15 11:45	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/08/15 11:45	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/15 11:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-43I **Lab ID: 40116076006** Collected: 06/01/15 16:50 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 12:07	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 12:07	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 12:07	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 12:07	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 12:07	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 12:07	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 12:07	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 12:07	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 12:07	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 12:07	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 12:07	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 12:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 12:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 12:07	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 12:07	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 12:07	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 12:07	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 12:07	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 12:07	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 12:07	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 12:07	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 12:07	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 12:07	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 12:07	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 12:07	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 12:07	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 12:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/15 12:07	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/08/15 12:07	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 12:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-28S **Lab ID: 40116076007** Collected: 06/02/15 13:35 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 02:45	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 02:45	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 02:45	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 02:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:45	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:45	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:45	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:45	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:45	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 02:45	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 02:45	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 02:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 02:45	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 02:45	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:45	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:45	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:45	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	100-42-5	
Tetrachloroethene	**1.5**	ug/L	1.0	0.50	1		06/09/15 02:45	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 02:45	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 02:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:45	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 02:45	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:45	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:45	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:45	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/09/15 02:45	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/09/15 02:45	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		06/09/15 02:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-23D **Lab ID: 40116076008** Collected: 06/02/15 17:54 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		06/08/15 12:43	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/08/15 12:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/08/15 12:43	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		06/08/15 12:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		06/08/15 12:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		06/08/15 12:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		06/08/15 12:43	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		06/08/15 12:43	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		06/08/15 12:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		06/08/15 12:43	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		06/08/15 12:43	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		06/08/15 12:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		06/08/15 12:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		06/08/15 12:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		06/08/15 12:43	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		06/08/15 12:43	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		06/08/15 12:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		06/08/15 12:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		06/08/15 12:43	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/08/15 12:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		06/08/15 12:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		06/08/15 12:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		06/08/15 12:43	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/08/15 12:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		06/08/15 12:43	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/08/15 12:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		06/08/15 12:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 12:43	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 12:43	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/15 12:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-33D **Lab ID: 40116076009** Collected: 06/02/15 17:13 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 10:15	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 10:15	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 10:15	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 10:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:15	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 10:15	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:15	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 10:15	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 10:15	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 10:15	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 10:15	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 10:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 10:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 10:15	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 10:15	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 10:15	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:15	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 10:15	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 10:15	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 10:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:15	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 10:15	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 10:15	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 10:15	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 10:15	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 10:15	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 10:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 10:15	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/08/15 10:15	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 10:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-22E **Lab ID: 40116076010** Collected: 06/02/15 09:06 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 13:05	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 13:05	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 13:05	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 13:05	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:05	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:05	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:05	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:05	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:05	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 13:05	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 13:05	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 13:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 13:05	74-95-3	
Dichlorodifluoromethane	**0.98J**	ug/L	1.0	0.22	1		06/08/15 13:05	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:05	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:05	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:05	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	100-42-5	
Tetrachloroethene	**5.8**	ug/L	1.0	0.50	1		06/08/15 13:05	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 13:05	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	108-88-3	
Trichloroethene	**1.1**	ug/L	1.0	0.33	1		06/08/15 13:05	79-01-6	
Trichlorofluoromethane	**0.32J**	ug/L	1.0	0.18	1		06/08/15 13:05	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:05	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 13:05	1330-20-7	
cis-1,2-Dichloroethene	**2.1**	ug/L	1.0	0.26	1		06/08/15 13:05	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:05	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:05	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/15 13:05	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/08/15 13:05	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/15 13:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-23S **Lab ID: 40116076011** Collected: 06/02/15 18:08 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 13:28	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 13:28	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 13:28	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 13:28	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:28	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:28	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:28	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:28	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:28	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 13:28	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 13:28	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 13:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 13:28	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 13:28	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:28	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:28	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:28	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	100-42-5	
Tetrachloroethene	**1.0**	ug/L	1.0	0.50	1		06/08/15 13:28	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 13:28	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 13:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:28	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:28	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 13:28	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:28	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:28	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:28	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/15 13:28	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/08/15 13:28	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/15 13:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-43D **Lab ID: 40116076012** Collected: 06/02/15 08:26 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 13:50	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 13:50	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 13:50	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 13:50	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:50	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:50	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:50	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:50	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:50	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 13:50	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 13:50	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 13:50	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:50	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 13:50	74-95-3	
Dichlorodifluoromethane	**0.37J**	ug/L	1.0	0.22	1		06/08/15 13:50	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:50	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:50	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:50	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	100-42-5	
Tetrachloroethene	**0.93J**	ug/L	1.0	0.50	1		06/08/15 13:50	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 13:50	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 13:50	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:50	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:50	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 13:50	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:50	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:50	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:50	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 13:50	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 13:50	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/08/15 13:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-27D **Lab ID: 40116076013** Collected: 06/02/15 14:36 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 14:13	79-00-5	
1,1-Dichloroethane	**0.90J**	ug/L	1.0	0.24	1		06/08/15 14:13	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 14:13	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 14:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:13	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:13	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:13	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 14:13	78-93-3	
Acetone	**4.3J**	ug/L	20.0	3.0	1		06/08/15 14:13	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 14:13	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 14:13	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 14:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 14:13	74-95-3	
Dichlorodifluoromethane	**1.2**	ug/L	1.0	0.22	1		06/08/15 14:13	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:13	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:13	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:13	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	100-42-5	
Tetrachloroethene	**19.3**	ug/L	1.0	0.50	1		06/08/15 14:13	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 14:13	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	108-88-3	
Trichloroethene	**2.8**	ug/L	1.0	0.33	1		06/08/15 14:13	79-01-6	
Trichlorofluoromethane	**0.60J**	ug/L	1.0	0.18	1		06/08/15 14:13	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:13	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 14:13	1330-20-7	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.26	1		06/08/15 14:13	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:13	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 14:13	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/15 14:13	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 14:13	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/15 14:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-20SR **Lab ID: 40116076014** Collected: 06/02/15 17:35 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 14:35	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 14:35	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 14:35	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 14:35	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:35	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:35	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:35	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 14:35	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 14:35	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 14:35	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 14:35	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 14:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 14:35	74-95-3	
Dichlorodifluoromethane	**0.61J**	ug/L	1.0	0.22	1		06/08/15 14:35	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:35	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:35	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:35	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	100-42-5	
Tetrachloroethene	**2.7**	ug/L	1.0	0.50	1		06/08/15 14:35	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 14:35	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 14:35	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:35	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:35	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 14:35	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 14:35	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:35	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 14:35	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 14:35	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 14:35	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/08/15 14:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-43S **Lab ID: 40116076015** Collected: 06/01/15 16:20 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 14:58	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 14:58	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 14:58	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 14:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:58	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:58	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:58	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 14:58	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 14:58	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 14:58	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 14:58	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 14:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 14:58	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 14:58	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 14:58	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:58	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 14:58	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 14:58	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 14:58	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:58	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 14:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 14:58	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 14:58	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 14:58	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 14:58	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 14:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 14:58	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 14:58	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/08/15 14:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-18S DUP **Lab ID: 40116076016** Collected: 06/02/15 16:24 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 03:08	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 03:08	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 03:08	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 03:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 03:08	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 03:08	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:08	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 03:08	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 03:08	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 03:08	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 03:08	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 03:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 03:08	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 03:08	74-95-3	
Dichlorodifluoromethane	**1.1**	ug/L	1.0	0.22	1		06/09/15 03:08	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 03:08	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:08	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 03:08	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	100-42-5	
Tetrachloroethene	**10.7**	ug/L	1.0	0.50	1		06/09/15 03:08	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 03:08	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	108-88-3	
Trichloroethene	**0.95J**	ug/L	1.0	0.33	1		06/09/15 03:08	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 03:08	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 03:08	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 03:08	1330-20-7	
cis-1,2-Dichloroethene	**0.50J**	ug/L	1.0	0.26	1		06/09/15 03:08	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:08	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 03:08	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/09/15 03:08	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/09/15 03:08	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/09/15 03:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-17S **Lab ID: 40116076017** Collected: 06/02/15 12:20 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 15:20	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 15:20	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 15:20	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 15:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 15:20	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 15:20	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 15:20	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 15:20	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 15:20	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 15:20	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 15:20	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 15:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 15:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 15:20	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 15:20	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 15:20	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 15:20	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 15:20	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	100-42-5	
Tetrachloroethene	**5.1**	ug/L	1.0	0.50	1		06/08/15 15:20	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 15:20	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	108-88-3	
Trichloroethene	**1.8**	ug/L	1.0	0.33	1		06/08/15 15:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 15:20	75-69-4	
Vinyl chloride	**0.41J**	ug/L	1.0	0.18	1		06/08/15 15:20	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 15:20	1330-20-7	
cis-1,2-Dichloroethene	**7.3**	ug/L	1.0	0.26	1		06/08/15 15:20	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 15:20	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 15:20	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 15:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 15:20	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 15:20	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/08/15 15:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: P-22S DUP **Lab ID: 40116076018** Collected: 06/02/15 09:42 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 03:30	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 03:30	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 03:30	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 03:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 03:30	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 03:30	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:30	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 03:30	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 03:30	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 03:30	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 03:30	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 03:30	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 03:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 03:30	74-95-3	
Dichlorodifluoromethane	**0.87J**	ug/L	1.0	0.22	1		06/09/15 03:30	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 03:30	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:30	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 03:30	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	100-42-5	
Tetrachloroethene	**4.1**	ug/L	1.0	0.50	1		06/09/15 03:30	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 03:30	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	108-88-3	
Trichloroethene	**0.87J**	ug/L	1.0	0.33	1		06/09/15 03:30	79-01-6	
Trichlorofluoromethane	**0.25J**	ug/L	1.0	0.18	1		06/09/15 03:30	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 03:30	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 03:30	1330-20-7	
cis-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.26	1		06/09/15 03:30	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 03:30	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 03:30	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 03:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/09/15 03:30	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/09/15 03:30	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 03:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: 4610 ROCKY DELL **Lab ID: 40116076019** Collected: 06/02/15 15:30 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 14:58	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 14:58	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 14:58	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 14:58	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 14:58	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 14:58	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 14:58	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 14:58	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 14:58	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 14:58	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 14:58	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 14:58	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 14:58	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 14:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 14:58	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 14:58	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 14:58	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 14:58	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 14:58	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 14:58	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 14:58	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 14:58	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 14:58	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 14:58	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 14:58	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 14:58	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 14:58	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 14:58	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 14:58	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 14:58	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 14:58	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 14:58	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 14:58	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 14:58	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 14:58	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 14:58	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 14:58	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 14:58	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 14:58	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 14:58	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 14:58	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 14:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%.	75-125		1		06/11/15 14:58	460-00-4	
Toluene-d8 (S)	104	%.	75-125		1		06/11/15 14:58	2037-26-5	
1,2-Dichloroethane-d4 (S)	109	%.	75-125		1		06/11/15 14:58	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Sample: TRIP BLANK **Lab ID: 40116076020** Collected: 06/02/15 15:30 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 02:23	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 02:23	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 02:23	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 02:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:23	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:23	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:23	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:23	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:23	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 02:23	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 02:23	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 02:23	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:23	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 02:23	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 02:23	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:23	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:23	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:23	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 02:23	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 02:23	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:23	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:23	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 02:23	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:23	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:23	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:23	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/09/15 02:23	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/09/15 02:23	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/09/15 02:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

QC Batch: MSV/31794
QC Batch Method: EPA 524.2
Analysis Method: EPA 524.2
Analysis Description: 524.2 MSV
Associated Lab Samples: 40116076019

METHOD BLANK: 1991653
Matrix: Water
Associated Lab Samples: 40116076019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	0.50	06/11/15 14:32	
1,1,2-Trichloroethane	ug/L	<0.24	0.50	06/11/15 14:32	
1,1-Dichloroethane	ug/L	<0.19	0.50	06/11/15 14:32	
1,1-Dichloroethene	ug/L	<0.17	0.50	06/11/15 14:32	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	4.0	06/11/15 14:32	
1,2-Dibromoethane (EDB)	ug/L	<0.21	0.50	06/11/15 14:32	
1,2-Dichlorobenzene	ug/L	<0.22	0.50	06/11/15 14:32	
1,2-Dichloroethane	ug/L	<0.17	0.50	06/11/15 14:32	
1,2-Dichloropropane	ug/L	<0.42	4.0	06/11/15 14:32	
1,3-Dichlorobenzene	ug/L	<0.21	0.50	06/11/15 14:32	
1,4-Dichlorobenzene	ug/L	<0.16	0.50	06/11/15 14:32	
2-Butanone (MEK)	ug/L	<2.5	5.0	06/11/15 14:32	
Acetone	ug/L	<2.8	20.0	06/11/15 14:32	
Benzene	ug/L	<0.21	0.50	06/11/15 14:32	
Bromodichloromethane	ug/L	<0.14	1.0	06/11/15 14:32	
Bromoform	ug/L	<0.41	4.0	06/11/15 14:32	
Bromomethane	ug/L	<0.32	4.0	06/11/15 14:32	
Carbon disulfide	ug/L	<0.22	1.0	06/11/15 14:32	
Carbon tetrachloride	ug/L	<0.35	1.0	06/11/15 14:32	
Chlorobenzene	ug/L	<0.23	0.50	06/11/15 14:32	
Chloroethane	ug/L	<0.34	1.0	06/11/15 14:32	
Chloroform	ug/L	<0.27	1.0	06/11/15 14:32	
Chloromethane	ug/L	<0.64	4.0	06/11/15 14:32	
cis-1,2-Dichloroethene	ug/L	<0.17	0.50	06/11/15 14:32	
cis-1,3-Dichloropropene	ug/L	<0.21	0.50	06/11/15 14:32	
Dibromochloromethane	ug/L	<0.16	0.50	06/11/15 14:32	
Dibromomethane	ug/L	<0.31	1.0	06/11/15 14:32	
Dichlorodifluoromethane	ug/L	<0.49	1.0	06/11/15 14:32	
Ethylbenzene	ug/L	<0.23	0.50	06/11/15 14:32	
Methyl-tert-butyl ether	ug/L	<0.16	0.50	06/11/15 14:32	
Methylene Chloride	ug/L	<0.56	4.0	06/11/15 14:32	
Naphthalene	ug/L	0.16J	1.0	06/11/15 14:32	
Styrene	ug/L	<0.11	0.50	06/11/15 14:32	
Tetrachloroethene	ug/L	<0.15	0.50	06/11/15 14:32	
Tetrahydrofuran	ug/L	<4.0	10.0	06/11/15 14:32	
Toluene	ug/L	<0.12	0.50	06/11/15 14:32	
trans-1,2-Dichloroethene	ug/L	<0.18	0.50	06/11/15 14:32	
trans-1,3-Dichloropropene	ug/L	<0.22	4.0	06/11/15 14:32	
Trichloroethene	ug/L	<0.14	0.50	06/11/15 14:32	
Trichlorofluoromethane	ug/L	<0.18	0.50	06/11/15 14:32	
Vinyl chloride	ug/L	<0.15	0.40	06/11/15 14:32	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

METHOD BLANK: 1991653 Matrix: Water
Associated Lab Samples: 40116076019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	<0.41	1.5	06/11/15 14:32	
1,2-Dichloroethane-d4 (S)	%.	110	75-125	06/11/15 14:32	
4-Bromofluorobenzene (S)	%.	108	75-125	06/11/15 14:32	
Toluene-d8 (S)	%.	104	75-125	06/11/15 14:32	

LABORATORY CONTROL SAMPLE & LCSD: 1991654 1991655

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.2	19.0	96	95	70-130	1	20	
1,1,2-Trichloroethane	ug/L	20	19.6	19.9	98	99	70-130	1	20	
1,1-Dichloroethane	ug/L	20	18.6	18.7	93	93	70-130	0	20	
1,1-Dichloroethene	ug/L	20	16.6	16.8	83	84	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.4	48.5	93	97	70-130	5	20	
1,2-Dibromoethane (EDB)	ug/L	20	21.0	19.0	105	95	70-130	10	20	
1,2-Dichlorobenzene	ug/L	20	20.6	19.7	103	99	70-130	4	20	
1,2-Dichloroethane	ug/L	20	20.4	20.5	102	102	70-130	0	20	
1,2-Dichloropropane	ug/L	20	21.0	20.6	105	103	70-130	2	20	
1,3-Dichlorobenzene	ug/L	20	20.7	19.9	103	99	70-130	4	20	
1,4-Dichlorobenzene	ug/L	20	18.9	18.5	94	92	70-130	2	20	
2-Butanone (MEK)	ug/L	100	99.8	99.1	100	99	70-130	1	20	
Acetone	ug/L	100	99.4	103	99	103	70-130	4	20	
Benzene	ug/L	20	20.3	19.8	102	99	70-130	2	20	
Bromodichloromethane	ug/L	20	21.0	20.2	105	101	70-130	4	20	
Bromoform	ug/L	20	18.2	17.0	91	85	70-130	7	20	
Bromomethane	ug/L	20	21.7	22.7	109	113	70-130	4	20	
Carbon disulfide	ug/L	20	17.6	18.6	88	93	70-130	6	20	
Carbon tetrachloride	ug/L	20	20.6	19.9	103	99	70-130	4	20	
Chlorobenzene	ug/L	20	20.0	19.3	100	96	70-130	4	20	
Chloroethane	ug/L	20	18.9	18.2	95	91	70-130	4	20	
Chloroform	ug/L	20	20.3	19.7	102	98	70-130	3	20	
Chloromethane	ug/L	20	19.1	18.9	96	94	70-130	1	20	
cis-1,2-Dichloroethene	ug/L	20	21.3	20.2	106	101	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	20	19.5	18.6	97	93	70-130	4	20	
Dibromochloromethane	ug/L	20	18.9	18.3	95	92	70-130	3	20	
Dibromomethane	ug/L	20	19.7	18.7	98	94	70-130	5	20	
Dichlorodifluoromethane	ug/L	20	18.5	18.7	93	93	70-130	1	20	
Ethylbenzene	ug/L	20	21.0	19.9	105	99	70-130	6	20	
Methyl-tert-butyl ether	ug/L	20	18.6	18.9	93	95	70-130	2	20	
Methylene Chloride	ug/L	20	18.0	18.8	90	94	70-130	5	20	
Naphthalene	ug/L	20	21.1	21.0	105	105	70-130	0	20	
Styrene	ug/L	20	21.3	19.6	106	98	70-130	8	20	
Tetrachloroethene	ug/L	20	19.4	18.0	97	90	70-130	7	20	
Tetrahydrofuran	ug/L	200	223	218	111	109	70-130	2	20	
Toluene	ug/L	20	20.2	19.1	101	96	70-130	5	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

LABORATORY CONTROL SAMPLE & LCSD: 1991654 1991655

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	19.1	19.0	95	95	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	20	19.6	18.4	98	92	70-130	7	20	
Trichloroethene	ug/L	20	19.4	18.2	97	91	70-130	7	20	
Trichlorofluoromethane	ug/L	20	21.2	20.2	106	101	70-130	5	20	
Vinyl chloride	ug/L	20	18.1	19.1	91	95	70-130	5	20	
Xylene (Total)	ug/L	60	59.6	56.9	99	95	70-130	5	20	
1,2-Dichloroethane-d4 (S)	%.				105	107	75-125			
4-Bromofluorobenzene (S)	%.				101	104	75-125			
Toluene-d8 (S)	%.				100	99	75-125			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

QC Batch: MSV/28788 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40116076001, 40116076002, 40116076003, 40116076004, 40116076005, 40116076006, 40116076007, 40116076008, 40116076009, 40116076010, 40116076011, 40116076012, 40116076013, 40116076014, 40116076015, 40116076016, 40116076017, 40116076018, 40116076020

METHOD BLANK: 1171313 Matrix: Water
Associated Lab Samples: 40116076001, 40116076002, 40116076003, 40116076004, 40116076005, 40116076006, 40116076007, 40116076008, 40116076009, 40116076010, 40116076011, 40116076012, 40116076013, 40116076014, 40116076015, 40116076016, 40116076017, 40116076018, 40116076020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/08/15 06:52	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/08/15 06:52	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/08/15 06:52	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/08/15 06:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/08/15 06:52	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/08/15 06:52	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/08/15 06:52	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/08/15 06:52	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/08/15 06:52	
Acetone	ug/L	<3.0	20.0	06/08/15 06:52	
Benzene	ug/L	<0.50	1.0	06/08/15 06:52	
Bromodichloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
Bromoform	ug/L	<0.50	1.0	06/08/15 06:52	
Bromomethane	ug/L	<2.4	5.0	06/08/15 06:52	
Carbon disulfide	ug/L	<0.61	5.0	06/08/15 06:52	
Carbon tetrachloride	ug/L	<0.50	1.0	06/08/15 06:52	
Chlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
Chloroethane	ug/L	<0.37	1.0	06/08/15 06:52	
Chloroform	ug/L	<2.5	5.0	06/08/15 06:52	
Chloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 06:52	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/08/15 06:52	
Dibromochloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
Dibromomethane	ug/L	<0.43	1.0	06/08/15 06:52	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/08/15 06:52	
Ethylbenzene	ug/L	<0.50	1.0	06/08/15 06:52	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/08/15 06:52	
Methylene Chloride	ug/L	<0.23	1.0	06/08/15 06:52	
Naphthalene	ug/L	<2.5	5.0	06/08/15 06:52	
Styrene	ug/L	<0.50	1.0	06/08/15 06:52	
Tetrachloroethene	ug/L	<0.50	1.0	06/08/15 06:52	
Tetrahydrofuran	ug/L	<2.0	5.0	06/08/15 06:52	
Toluene	ug/L	<0.50	1.0	06/08/15 06:52	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 06:52	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/08/15 06:52	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

METHOD BLANK: 1171313 Matrix: Water

Associated Lab Samples: 40116076001, 40116076002, 40116076003, 40116076004, 40116076005, 40116076006, 40116076007, 40116076008, 40116076009, 40116076010, 40116076011, 40116076012, 40116076013, 40116076014, 40116076015, 40116076016, 40116076017, 40116076018, 40116076020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	06/08/15 06:52	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/08/15 06:52	
Vinyl chloride	ug/L	<0.18	1.0	06/08/15 06:52	
Xylene (Total)	ug/L	<1.5	3.0	06/08/15 06:52	
4-Bromofluorobenzene (S)	%	101	70-130	06/08/15 06:52	
Dibromofluoromethane (S)	%	105	70-130	06/08/15 06:52	
Toluene-d8 (S)	%	103	70-130	06/08/15 06:52	

LABORATORY CONTROL SAMPLE & LCSD: 1171314 1171315

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.5	56.6	115	113	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	54.3	51.2	109	102	70-130	6	20	
1,1-Dichloroethane	ug/L	50	57.4	54.2	115	108	70-130	6	20	
1,1-Dichloroethene	ug/L	50	53.3	54.5	107	109	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	45.4	96	91	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	54.1	111	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	53.4	52.5	107	105	70-130	2	20	
1,2-Dichloroethane	ug/L	50	57.6	56.8	115	114	70-131	1	20	
1,2-Dichloropropane	ug/L	50	56.0	54.7	112	109	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	53.0	51.8	106	104	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	53.0	52.3	106	105	70-130	1	20	
Benzene	ug/L	50	55.6	54.4	111	109	70-130	2	20	
Bromodichloromethane	ug/L	50	58.8	58.0	118	116	70-130	1	20	
Bromoform	ug/L	50	48.0	44.9	96	90	68-130	7	20	
Bromomethane	ug/L	50	60.2	63.0	120	126	38-137	4	20	
Carbon disulfide	ug/L	50	56.7	57.3	113	115	70-154	1	20	
Carbon tetrachloride	ug/L	50	60.8	61.4	122	123	70-130	1	20	
Chlorobenzene	ug/L	50	56.8	56.0	114	112	70-130	1	20	
Chloroethane	ug/L	50	55.2	55.2	110	110	70-136	0	20	
Chloroform	ug/L	50	56.8	56.0	114	112	70-130	1	20	
Chloromethane	ug/L	50	58.2	55.8	116	112	48-144	4	20	
cis-1,2-Dichloroethene	ug/L	50	56.2	52.1	112	104	70-130	8	20	
cis-1,3-Dichloropropene	ug/L	50	48.7	49.1	97	98	70-130	1	20	
Dibromochloromethane	ug/L	50	51.6	50.1	103	100	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	56.2	53.7	112	107	33-157	4	20	
Ethylbenzene	ug/L	50	60.2	58.9	120	118	70-132	2	20	
Methyl-tert-butyl ether	ug/L	50	49.4	47.5	99	95	48-141	4	20	
Methylene Chloride	ug/L	50	53.7	52.7	107	105	70-130	2	20	
Styrene	ug/L	50	60.2	58.1	120	116	70-130	4	20	
Tetrachloroethene	ug/L	50	57.4	56.6	115	113	70-130	1	20	
Toluene	ug/L	50	58.6	57.6	117	115	70-130	2	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

LABORATORY CONTROL SAMPLE & LCSD: 1171314 1171315

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	54.2	55.3	108	111	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	49.9	48.3	100	97	70-130	3	20	
Trichloroethene	ug/L	50	58.1	57.7	116	115	70-130	1	20	
Trichlorofluoromethane	ug/L	50	54.2	53.9	108	108	50-150	1	20	
Vinyl chloride	ug/L	50	59.2	57.5	118	115	65-142	3	20	
Xylene (Total)	ug/L	150	182	179	121	119	70-132	2	20	
4-Bromofluorobenzene (S)	%				101	101	70-130			
Dibromofluoromethane (S)	%				99	100	70-130			
Toluene-d8 (S)	%				107	106	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171628 1171629

Parameter	Units	40116076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	55.3	56.7	111	113	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.1	52.6	102	105	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	55.2	54.7	110	109	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.1	53.3	104	107	70-139	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	47.0	46.3	94	93	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.8	54.0	106	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.2	52.2	102	104	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	55.9	57.3	112	115	70-132	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.4	56.1	109	112	70-130	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.3	51.8	101	104	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.7	52.1	101	104	70-130	3	20	
Benzene	ug/L	<0.50	50	50	54.0	55.3	108	111	70-130	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.5	57.4	111	115	70-132	3	20	
Bromoform	ug/L	<0.50	50	50	44.4	43.1	89	86	68-130	3	20	
Bromomethane	ug/L	<2.4	50	50	63.0	65.3	126	131	38-141	4	20	
Carbon disulfide	ug/L	<0.61	50	50	51.9	45.5	104	91	70-155	13	20	
Carbon tetrachloride	ug/L	<0.50	50	50	60.3	60.8	121	122	70-130	1	20	
Chlorobenzene	ug/L	<0.50	50	50	53.3	55.3	107	111	70-130	4	20	
Chloroethane	ug/L	<0.37	50	50	57.3	55.5	115	111	66-152	3	20	
Chloroform	ug/L	<2.5	50	50	54.2	56.3	108	113	70-130	4	20	
Chloromethane	ug/L	<0.50	50	50	56.3	54.6	113	109	44-151	3	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	53.7	52.8	107	106	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.0	48.3	96	97	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	48.1	48.7	96	97	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	51.7	52.8	103	106	29-160	2	20	
Ethylbenzene	ug/L	<0.50	50	50	56.7	58.3	113	117	70-132	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	47.1	47.7	94	95	48-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	51.1	52.4	102	105	70-130	3	20	
Styrene	ug/L	<0.50	50	50	55.0	55.5	110	111	70-130	1	20	
Tetrachloroethene	ug/L	0.78J	50	50	55.8	56.7	110	112	70-130	2	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171628 1171629

Parameter	Units	40116076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	<0.50	50	50	55.8	56.2	112	112	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	53.7	56.0	107	112	70-132	4	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.4	47.1	95	94	70-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	55.5	57.1	111	114	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	51.3	53.2	103	106	50-153	4	20	
Vinyl chloride	ug/L	<0.18	50	50	56.9	57.6	114	115	60-155	1	20	
Xylene (Total)	ug/L	<1.5	150	150	169	171	113	114	70-132	2	20	
4-Bromofluorobenzene (S)	%						103	101	70-130			
Dibromofluoromethane (S)	%						102	101	70-130			
Toluene-d8 (S)	%						105	104	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay
PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40116076

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40116076019	4610 ROCKY DELL	EPA 524.2	MSV/31794		
40116076001	P-22S	EPA 8260	MSV/28788		
40116076002	P-26S	EPA 8260	MSV/28788		
40116076003	P-27S	EPA 8260	MSV/28788		
40116076004	P-18S	EPA 8260	MSV/28788		
40116076005	P-22D	EPA 8260	MSV/28788		
40116076006	P-43I	EPA 8260	MSV/28788		
40116076007	P-28S	EPA 8260	MSV/28788		
40116076008	P-23D	EPA 8260	MSV/28788		
40116076009	P-33D	EPA 8260	MSV/28788		
40116076010	P-22E	EPA 8260	MSV/28788		
40116076011	P-23S	EPA 8260	MSV/28788		
40116076012	P-43D	EPA 8260	MSV/28788		
40116076013	P-27D	EPA 8260	MSV/28788		
40116076014	P-20SR	EPA 8260	MSV/28788		
40116076015	P-43S	EPA 8260	MSV/28788		
40116076016	P-18S DUP	EPA 8260	MSV/28788		
40116076017	P-17S	EPA 8260	MSV/28788		
40116076018	P-22S DUP	EPA 8260	MSV/28788		
40116076020	TRIP BLANK	EPA 8260	MSV/28788		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical
www.pacelabs.com

CHAIN OF CUSTODY

401160076

(Please Print Clearly)	
Company Name:	LBG
Branch/Location:	Madison WI
Project Contact:	Jennifer Shelton
Phone:	608 310 7672
Project Number:	
Project Name:	Refuge Hideaway Landfill
Project State:	WI
Sampled By (Print):	Jillian Votava
Sampled By (Sign):	JEV
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Rd. #11 Madison, WI 53719
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (Y/N)	PRESERVATION (CODE)*	Analyses Requested: VOC 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	P22S	6-2-15	9:37	GW	N	B			3-40mlB	
002	P26S	"	10:40	"						
003	P27S	"	14:23	"						
004	P18S		16:24							
005	P22D		9:34							
006	P43I	6-1-15	16:50							
007	P28S	6-2-15	13:35							
008	P23D	6-2-15	1754							
009	P33D		17:13							
010	P22E		9:06							
011	P23S		1808							
012	P43D		8:26							
013	P27D		14:36							

JEV

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
JEVotava	6-4-15 13:00		
FedEx	6/5/15 0945	Kathleen Wendel	6/5/15 0945

PACE Project No.: 401160076

Receipt Temp = R01 °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	LBG
Branch/Location:	Madison WI
Project Contact:	Jennifer Shelton
Phone:	608 310 7672
Project Number:	
Project Name:	Refuse Hideaway Landfill
Project State:	WI
Sampled By (Print):	Jillian Votava
Sampled By (Sign):	JE Vot
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Rd #11 Madison WI 53719
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	FILTERED? (YES/NO)	PRESERVATION (CODE)*								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
						Y/N	PWA Letter										
					VOC 8260	N	B	524.2									
014	P 205R	6-2-15	17:35	GW												3-40mlB	
015	P 435	6-1-15	16:20			X											
016	DUP2	6-2-15	16:24			X											
017	P 175		12:20			X											
018	DUP1		9:42			X											
019	4610 Rocky Dell	6-1	15:30	GW			X										
020	Trip Blank (1)															2-40mlB	

JEV

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
JE Vot	6-4-15 13:00		
FedEx	6/5/15 0945	Kathlyn Wendul	6/5/15 0945

PACE Project No.: 40116076
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Project #: WO#: 40116076

40116076

Client Name: LBG

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

Tracking #: 7737 5379 6390

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

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

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

Thermometer Used N/A **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 6-5-15
Initials: KEW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°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.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
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	
-Pace IR 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:	W	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDRO/M, Phenolics, OTHER:	☐Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	14. 07 1 vial KW 6-5-15
Trip Blank Present:	☐Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 030215-3CCL		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AMH for DM **Date:** 6/5/15

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 15, 2015

Jennifer Shelton
Leggette Brashears & Graham-WI
6409 Odana Road, Suite C
Madison, WI 53719

RE: Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Dear Jennifer Shelton:
Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Charles Burgis, Leggette Brashears & Graham-WI
Andrew Horn, Leggette Brashears & Graham-WI
Alexander Moreland, Leggette Brashears & Graham-WI

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40116078001	P-30D	Water	06/04/15 10:37	06/05/15 09:45
40116078002	P-30D DUP	Water	06/04/15 10:37	06/05/15 09:45
40116078003	P-31D	Water	06/04/15 09:30	06/05/15 09:45
40116078004	P-32S	Water	06/04/15 11:35	06/05/15 09:45
40116078005	P-31S	Water	06/04/15 08:37	06/05/15 09:45
40116078006	P-31IA	Water	06/04/15 09:27	06/05/15 09:45
40116078007	P-30I	Water	06/04/15 10:57	06/05/15 09:45
40116078008	P-31IB	Water	06/04/15 08:58	06/05/15 09:45
40116078009	P-41D	Water	06/04/15 12:04	06/05/15 09:45
40116078010	P-32D	Water	06/04/15 11:32	06/05/15 09:45
40116078011	P-25D	Water	06/03/15 09:36	06/05/15 09:45
40116078012	8D-DEEP	Water	06/03/15 16:08	06/05/15 09:45
40116078013	P-21S	Water	06/03/15 14:04	06/05/15 09:45
40116078014	P-34S	Water	06/03/15 11:08	06/05/15 09:45
40116078015	P-16D	Water	06/03/15 13:23	06/05/15 09:45
40116078016	P-16S DUP	Water	06/03/15 13:18	06/05/15 09:45
40116078017	P-25BR	Water	06/03/15 09:44	06/05/15 09:45
40116078018	P-40I	Water	06/03/15 07:55	06/05/15 09:45
40116078019	P-8S	Water	06/03/15 15:55	06/05/15 09:45
40116078020	P-21D	Water	06/03/15 14:29	06/05/15 09:45
40116078021	P-9D	Water	06/03/15 15:00	06/05/15 09:45
40116078022	P-34D	Water	06/03/15 11:22	06/05/15 09:45
40116078023	P-25S	Water	06/03/15 09:06	06/05/15 09:45
40116078024	P-24E DUP	Water	06/03/15 16:48	06/05/15 09:45
40116078025	P-16S	Water	06/03/15 13:18	06/05/15 09:45
40116078026	P-40D	Water	06/03/15 08:13	06/05/15 09:45
40116078027	P-9S	Water	06/03/15 15:15	06/05/15 09:45
40116078028	P-24D	Water	06/03/15 16:53	06/05/15 09:45
40116078029	P-21BR	Water	06/03/15 13:52	06/05/15 09:45
40116078030	P-24E	Water	06/03/15 16:48	06/05/15 09:45
40116078031	TRIP BLANK	Water	06/03/15 00:00	06/05/15 09:45

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40116078001	P-30D	EPA 8260	LAP	45
40116078002	P-30D DUP	EPA 8260	LAP	45
40116078003	P-31D	EPA 8260	LAP	45
40116078004	P-32S	EPA 8260	LAP	45
40116078005	P-31S	EPA 8260	LAP	45
40116078006	P-31IA	EPA 8260	LAP	45
40116078007	P-30I	EPA 8260	LAP	45
40116078008	P-31IB	EPA 8260	LAP	45
40116078009	P-41D	EPA 8260	LAP	45
40116078010	P-32D	EPA 8260	LAP	45
40116078011	P-25D	EPA 8260	LAP	45
40116078012	8D-DEEP	EPA 8260	LAP	45
40116078013	P-21S	EPA 8260	LAP	45
40116078014	P-34S	EPA 8260	LAP	45
40116078015	P-16D	EPA 8260	LAP	45
40116078016	P-16S DUP	EPA 8260	LAP	45
40116078017	P-25BR	EPA 8260	LAP	45
40116078018	P-40I	EPA 8260	LAP	45
40116078019	P-8S	EPA 8260	LAP	45
40116078020	P-21D	EPA 8260	LAP	45
40116078021	P-9D	EPA 8260	LAP	45
40116078022	P-34D	EPA 8260	HNW	45
40116078023	P-25S	EPA 8260	HNW	45
40116078024	P-24E DUP	EPA 8260	HNW	45
40116078025	P-16S	EPA 8260	HNW	45
40116078026	P-40D	EPA 8260	HNW	45
40116078027	P-9S	EPA 8260	HNW	45
40116078028	P-24D	EPA 8260	HNW	45
40116078029	P-21BR	EPA 8260	HNW	45
40116078030	P-24E	EPA 8260	HNW	45
40116078031	TRIP BLANK	EPA 8260	HNW	45

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40116078004	**P-32S**					
EPA 8260	Acetone	21.9	ug/L	20.0	06/09/15 14:32	
40116078006	**P-31IA**					
EPA 8260	Dichlorodifluoromethane	0.57J	ug/L	1.0	06/09/15 15:16	
EPA 8260	Tetrachloroethene	4.0	ug/L	1.0	06/09/15 15:16	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/09/15 15:16	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	06/09/15 15:16	
40116078008	**P-31IB**					
EPA 8260	Dichlorodifluoromethane	0.47J	ug/L	1.0	06/09/15 16:00	
EPA 8260	Tetrachloroethene	3.3	ug/L	1.0	06/09/15 16:00	
EPA 8260	Trichloroethene	0.80J	ug/L	1.0	06/09/15 16:00	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	06/09/15 16:00	
40116078014	**P-34S**					
EPA 8260	Dichlorodifluoromethane	0.48J	ug/L	1.0	06/09/15 18:12	
40116078015	**P-16D**					
EPA 8260	1,1-Dichloroethane	2.3	ug/L	1.0	06/09/15 18:34	
EPA 8260	1,2-Dichloropropane	0.27J	ug/L	1.0	06/09/15 18:34	
EPA 8260	Acetone	3.9J	ug/L	20.0	06/09/15 18:34	
EPA 8260	Benzene	1.8	ug/L	1.0	06/09/15 18:34	
EPA 8260	Tetrahydrofuran	80.4	ug/L	5.0	06/09/15 18:34	
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	06/09/15 18:34	
EPA 8260	cis-1,2-Dichloroethene	0.65J	ug/L	1.0	06/09/15 18:34	
40116078017	**P-25BR**					
EPA 8260	Acetone	3.0J	ug/L	20.0	06/09/15 19:18	
40116078018	**P-40I**					
EPA 8260	1,1-Dichloroethane	0.30J	ug/L	1.0	06/09/15 19:40	
EPA 8260	Dichlorodifluoromethane	0.92J	ug/L	1.0	06/09/15 19:40	
EPA 8260	Tetrachloroethene	5.3	ug/L	1.0	06/09/15 19:40	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	06/09/15 19:40	
EPA 8260	Trichlorofluoromethane	0.25J	ug/L	1.0	06/09/15 19:40	
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	1.0	06/09/15 19:40	
40116078020	**P-21D**					
EPA 8260	1,1-Dichloroethane	2.2	ug/L	1.0	06/09/15 20:24	
EPA 8260	Dichlorodifluoromethane	2.0	ug/L	1.0	06/09/15 20:24	
EPA 8260	Methyl-tert-butyl ether	0.30J	ug/L	1.0	06/09/15 20:24	
EPA 8260	Tetrahydrofuran	59.0	ug/L	5.0	06/09/15 20:24	
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	06/09/15 20:24	
EPA 8260	trans-1,2-Dichloroethene	0.61J	ug/L	1.0	06/09/15 20:24	
40116078021	**P-9D**					
EPA 8260	1,1-Dichloroethane	0.88J	ug/L	1.0	06/09/15 20:46	
EPA 8260	Acetone	3.1J	ug/L	20.0	06/09/15 20:46	
EPA 8260	Benzene	0.71J	ug/L	1.0	06/09/15 20:46	
EPA 8260	Chloroethane	0.44J	ug/L	1.0	06/09/15 20:46	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40116078021	**P-9D**					
EPA 8260	Tetrahydrofuran	51.1	ug/L	5.0	06/09/15 20:46	
EPA 8260	cis-1,2-Dichloroethene	0.82J	ug/L	1.0	06/09/15 20:46	
EPA 8260	trans-1,2-Dichloroethene	0.85J	ug/L	1.0	06/09/15 20:46	
40116078022	**P-34D**					
EPA 8260	Acetone	3.9J	ug/L	20.0	06/08/15 17:25	
40116078023	**P-25S**					
EPA 8260	Acetone	3.6J	ug/L	20.0	06/08/15 17:48	
40116078024	**P-24E DUP**					
EPA 8260	Acetone	3.2J	ug/L	20.0	06/08/15 18:10	
EPA 8260	cis-1,2-Dichloroethene	0.33J	ug/L	1.0	06/08/15 18:10	
40116078025	**P-16S**					
EPA 8260	Acetone	3.4J	ug/L	20.0	06/08/15 18:33	
40116078026	**P-40D**					
EPA 8260	Acetone	3.3J	ug/L	20.0	06/08/15 18:55	
EPA 8260	Dichlorodifluoromethane	0.76J	ug/L	1.0	06/08/15 18:55	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	06/08/15 18:55	
EPA 8260	Trichloroethene	0.77J	ug/L	1.0	06/08/15 18:55	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	06/08/15 18:55	
40116078027	**P-9S**					
EPA 8260	Acetone	3.7J	ug/L	20.0	06/08/15 13:19	
EPA 8260	Tetrachloroethene	0.71J	ug/L	1.0	06/08/15 13:19	
40116078028	**P-24D**					
EPA 8260	1,1-Dichloroethane	0.71J	ug/L	1.0	06/08/15 19:17	
EPA 8260	Acetone	4.8J	ug/L	20.0	06/08/15 19:17	
EPA 8260	Dichlorodifluoromethane	0.87J	ug/L	1.0	06/08/15 19:17	
EPA 8260	Tetrahydrofuran	10.0	ug/L	5.0	06/08/15 19:17	
EPA 8260	Vinyl chloride	8.9	ug/L	1.0	06/08/15 19:17	
EPA 8260	cis-1,2-Dichloroethene	12.0	ug/L	1.0	06/08/15 19:17	
EPA 8260	trans-1,2-Dichloroethene	0.40J	ug/L	1.0	06/08/15 19:17	
40116078029	**P-21BR**					
EPA 8260	Acetone	3.2J	ug/L	20.0	06/08/15 19:40	
EPA 8260	Dichlorodifluoromethane	0.54J	ug/L	1.0	06/08/15 19:40	
EPA 8260	Trichloroethene	1.3	ug/L	1.0	06/08/15 19:40	
EPA 8260	cis-1,2-Dichloroethene	0.84J	ug/L	1.0	06/08/15 19:40	
40116078030	**P-24E**					
EPA 8260	Acetone	3.3J	ug/L	20.0	06/08/15 20:02	
EPA 8260	cis-1,2-Dichloroethene	0.32J	ug/L	1.0	06/08/15 20:02	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-30D **Lab ID: 40116078001** Collected: 06/04/15 10:37 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 02:00	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 02:00	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 02:00	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 02:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:00	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:00	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:00	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:00	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 02:00	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 02:00	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 02:00	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 02:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 02:00	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 02:00	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 02:00	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:00	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 02:00	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 02:00	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 02:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:00	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 02:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 02:00	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:00	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 02:00	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 02:00	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 02:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/09/15 02:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/09/15 02:00	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/09/15 02:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-30D DUP **Lab ID: 40116078002** Collected: 06/04/15 10:37 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 14:10	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 14:10	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 14:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 14:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:10	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:10	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:10	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 14:10	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 14:10	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 14:10	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 14:10	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 14:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 14:10	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 14:10	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:10	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:10	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:10	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 14:10	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 14:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:10	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:10	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 14:10	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:10	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:10	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:10	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/09/15 14:10	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 14:10	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/09/15 14:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-31D **Lab ID: 40116078003** Collected: 06/04/15 09:30 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 13:48	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 13:48	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 13:48	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 13:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 13:48	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 13:48	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 13:48	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 13:48	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 13:48	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 13:48	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 13:48	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 13:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 13:48	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 13:48	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 13:48	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 13:48	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 13:48	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 13:48	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 13:48	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 13:48	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 13:48	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 13:48	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 13:48	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 13:48	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 13:48	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 13:48	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 13:48	10061-02-6	M1
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/09/15 13:48	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 13:48	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 13:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-32S **Lab ID: 40116078004** Collected: 06/04/15 11:35 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 14:32	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 14:32	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 14:32	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 14:32	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:32	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:32	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:32	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 14:32	78-93-3	
Acetone	**21.9**	ug/L	20.0	3.0	1		06/09/15 14:32	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 14:32	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 14:32	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 14:32	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:32	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 14:32	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 14:32	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:32	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:32	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:32	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 14:32	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 14:32	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:32	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:32	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 14:32	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:32	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:32	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:32	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:32	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 14:32	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/09/15 14:32	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/09/15 14:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-31S **Lab ID: 40116078005** Collected: 06/04/15 08:37 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 14:54	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 14:54	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 14:54	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 14:54	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:54	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:54	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:54	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 14:54	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 14:54	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 14:54	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 14:54	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 14:54	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:54	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 14:54	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 14:54	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 14:54	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:54	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 14:54	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 14:54	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 14:54	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:54	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 14:54	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 14:54	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:54	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 14:54	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 14:54	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 14:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/09/15 14:54	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 14:54	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 14:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-31IA **Lab ID: 40116078006** Collected: 06/04/15 09:27 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 15:16	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 15:16	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 15:16	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 15:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:16	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 15:16	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:16	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 15:16	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 15:16	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 15:16	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 15:16	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 15:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 15:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 15:16	74-95-3	
Dichlorodifluoromethane	**0.57J**	ug/L	1.0	0.22	1		06/09/15 15:16	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 15:16	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:16	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 15:16	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	100-42-5	
Tetrachloroethene	**4.0**	ug/L	1.0	0.50	1		06/09/15 15:16	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 15:16	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	108-88-3	
Trichloroethene	**1.0**	ug/L	1.0	0.33	1		06/09/15 15:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:16	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 15:16	1330-20-7	
cis-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.26	1		06/09/15 15:16	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:16	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 15:16	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 15:16	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 15:16	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 15:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-30I **Lab ID: 40116078007** Collected: 06/04/15 10:57 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 15:38	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 15:38	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 15:38	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 15:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:38	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 15:38	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:38	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 15:38	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 15:38	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 15:38	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 15:38	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 15:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 15:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 15:38	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 15:38	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 15:38	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:38	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 15:38	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 15:38	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 15:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:38	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 15:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 15:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 15:38	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 15:38	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 15:38	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 15:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 15:38	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 15:38	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 15:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-31IB **Lab ID: 40116078008** Collected: 06/04/15 08:58 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 16:00	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 16:00	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 16:00	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 16:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:00	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:00	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:00	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:00	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:00	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 16:00	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 16:00	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 16:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 16:00	74-95-3	
Dichlorodifluoromethane	**0.47J**	ug/L	1.0	0.22	1		06/09/15 16:00	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:00	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:00	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:00	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	100-42-5	
Tetrachloroethene	**3.3**	ug/L	1.0	0.50	1		06/09/15 16:00	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 16:00	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	108-88-3	
Trichloroethene	**0.80J**	ug/L	1.0	0.33	1		06/09/15 16:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:00	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 16:00	1330-20-7	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.26	1		06/09/15 16:00	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:00	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 16:00	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 16:00	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 16:00	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 16:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-41D **Lab ID: 40116078009** Collected: 06/04/15 12:04 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 16:22	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 16:22	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 16:22	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 16:22	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:22	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:22	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:22	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:22	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:22	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 16:22	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 16:22	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 16:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 16:22	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 16:22	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:22	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:22	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:22	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 16:22	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 16:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:22	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:22	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 16:22	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 16:22	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:22	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 16:22	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 16:22	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 16:22	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 16:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-32D **Lab ID: 40116078010** Collected: 06/04/15 11:32 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 16:44	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 16:44	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 16:44	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 16:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:44	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:44	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:44	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:44	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 16:44	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 16:44	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 16:44	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 16:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 16:44	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 16:44	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 16:44	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:44	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 16:44	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 16:44	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 16:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:44	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 16:44	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 16:44	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 16:44	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 16:44	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 16:44	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 16:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 16:44	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 16:44	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/09/15 16:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-25D **Lab ID: 40116078011** Collected: 06/03/15 09:36 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 17:06	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 17:06	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 17:06	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 17:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:06	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 17:06	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:06	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 17:06	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 17:06	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 17:06	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 17:06	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 17:06	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 17:06	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 17:06	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 17:06	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 17:06	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:06	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 17:06	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 17:06	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 17:06	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:06	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:06	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 17:06	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 17:06	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:06	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 17:06	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/09/15 17:06	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 17:06	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 17:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: 8D-DEEP **Lab ID: 40116078012** Collected: 06/03/15 16:08 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 17:28	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 17:28	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 17:28	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 17:28	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:28	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 17:28	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:28	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 17:28	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 17:28	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 17:28	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 17:28	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 17:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 17:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 17:28	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 17:28	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 17:28	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:28	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 17:28	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 17:28	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 17:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:28	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 17:28	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 17:28	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 17:28	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 17:28	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 17:28	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 17:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 17:28	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/09/15 17:28	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 17:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-21S **Lab ID: 40116078013** Collected: 06/03/15 14:04 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		06/09/15 17:50	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/09/15 17:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/09/15 17:50	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		06/09/15 17:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		06/09/15 17:50	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		06/09/15 17:50	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		06/09/15 17:50	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		06/09/15 17:50	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		06/09/15 17:50	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		06/09/15 17:50	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		06/09/15 17:50	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		06/09/15 17:50	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		06/09/15 17:50	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		06/09/15 17:50	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		06/09/15 17:50	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		06/09/15 17:50	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		06/09/15 17:50	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		06/09/15 17:50	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		06/09/15 17:50	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/09/15 17:50	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		06/09/15 17:50	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		06/09/15 17:50	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		06/09/15 17:50	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/09/15 17:50	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		06/09/15 17:50	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/09/15 17:50	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		06/09/15 17:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/09/15 17:50	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/09/15 17:50	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 17:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-34S **Lab ID: 40116078014** Collected: 06/03/15 11:08 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 18:12	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 18:12	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 18:12	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 18:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:12	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:12	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:12	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 18:12	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 18:12	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 18:12	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 18:12	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 18:12	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:12	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 18:12	74-95-3	
Dichlorodifluoromethane	**0.48J**	ug/L	1.0	0.22	1		06/09/15 18:12	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:12	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:12	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:12	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 18:12	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 18:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:12	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:12	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 18:12	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 18:12	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:12	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 18:12	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 18:12	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/09/15 18:12	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 18:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-16D **Lab ID: 40116078015** Collected: 06/03/15 13:23 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 18:34	79-00-5	
1,1-Dichloroethane	**2.3**	ug/L	1.0	0.24	1		06/09/15 18:34	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 18:34	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 18:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:34	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:34	107-06-2	
1,2-Dichloropropane	**0.27J**	ug/L	1.0	0.23	1		06/09/15 18:34	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 18:34	78-93-3	
Acetone	**3.9J**	ug/L	20.0	3.0	1		06/09/15 18:34	67-64-1	
Benzene	**1.8**	ug/L	1.0	0.50	1		06/09/15 18:34	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 18:34	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 18:34	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 18:34	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:34	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 18:34	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 18:34	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:34	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:34	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:34	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	127-18-4	
Tetrahydrofuran	**80.4**	ug/L	5.0	2.0	1		06/09/15 18:34	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	108-88-3	
Trichloroethene	**0.52J**	ug/L	1.0	0.33	1		06/09/15 18:34	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:34	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:34	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 18:34	1330-20-7	
cis-1,2-Dichloroethene	**0.65J**	ug/L	1.0	0.26	1		06/09/15 18:34	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:34	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 18:34	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/09/15 18:34	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/09/15 18:34	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/09/15 18:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-16S DUP **Lab ID: 40116078016** Collected: 06/03/15 13:18 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 18:56	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 18:56	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 18:56	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 18:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:56	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:56	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:56	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 18:56	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 18:56	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 18:56	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 18:56	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 18:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 18:56	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 18:56	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 18:56	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:56	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 18:56	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 18:56	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 18:56	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:56	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 18:56	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 18:56	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 18:56	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 18:56	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 18:56	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 18:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/09/15 18:56	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/09/15 18:56	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/09/15 18:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-25BR **Lab ID: 40116078017** Collected: 06/03/15 09:44 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 19:18	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 19:18	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 19:18	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 19:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 19:18	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 19:18	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:18	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 19:18	78-93-3	
Acetone	**3.0J**	ug/L	20.0	3.0	1		06/09/15 19:18	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 19:18	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 19:18	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 19:18	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 19:18	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 19:18	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 19:18	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 19:18	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:18	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 19:18	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 19:18	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 19:18	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 19:18	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 19:18	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 19:18	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 19:18	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:18	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 19:18	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/09/15 19:18	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/09/15 19:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 19:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-40I **Lab ID: 40116078018** Collected: 06/03/15 07:55 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 19:40	79-00-5	
1,1-Dichloroethane	**0.30J**	ug/L	1.0	0.24	1		06/09/15 19:40	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 19:40	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 19:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 19:40	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 19:40	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:40	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 19:40	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 19:40	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 19:40	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 19:40	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 19:40	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 19:40	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 19:40	74-95-3	
Dichlorodifluoromethane	**0.92J**	ug/L	1.0	0.22	1		06/09/15 19:40	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 19:40	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:40	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 19:40	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	100-42-5	
Tetrachloroethene	**5.3**	ug/L	1.0	0.50	1		06/09/15 19:40	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 19:40	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	108-88-3	
Trichloroethene	**1.1**	ug/L	1.0	0.33	1		06/09/15 19:40	79-01-6	
Trichlorofluoromethane	**0.25J**	ug/L	1.0	0.18	1		06/09/15 19:40	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 19:40	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 19:40	1330-20-7	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	0.26	1		06/09/15 19:40	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 19:40	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 19:40	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 19:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 19:40	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 19:40	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 19:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-8S **Lab ID: 40116078019** Collected: 06/03/15 15:55 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 20:02	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/09/15 20:02	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 20:02	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 20:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:02	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 20:02	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:02	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 20:02	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 20:02	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 20:02	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 20:02	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 20:02	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:02	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 20:02	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 20:02	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 20:02	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:02	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:02	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/09/15 20:02	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 20:02	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:02	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:02	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 20:02	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 20:02	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:02	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/09/15 20:02	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/09/15 20:02	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/09/15 20:02	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 20:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-21D **Lab ID: 40116078020** Collected: 06/03/15 14:29 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 20:24	79-00-5	
1,1-Dichloroethane	**2.2**	ug/L	1.0	0.24	1		06/09/15 20:24	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 20:24	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 20:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:24	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 20:24	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:24	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 20:24	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/09/15 20:24	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 20:24	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 20:24	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/09/15 20:24	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:24	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 20:24	74-95-3	
Dichlorodifluoromethane	**2.0**	ug/L	1.0	0.22	1		06/09/15 20:24	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	100-41-4	
Methyl-tert-butyl ether	**0.30J**	ug/L	1.0	0.17	1		06/09/15 20:24	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:24	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:24	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	127-18-4	
Tetrahydrofuran	**59.0**	ug/L	5.0	2.0	1		06/09/15 20:24	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 20:24	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:24	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:24	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 20:24	1330-20-7	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.26	1		06/09/15 20:24	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:24	10061-01-5	
trans-1,2-Dichloroethene	**0.61J**	ug/L	1.0	0.26	1		06/09/15 20:24	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/09/15 20:24	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/09/15 20:24	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 20:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-9D **Lab ID: 40116078021** Collected: 06/03/15 15:00 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/09/15 20:46	79-00-5	
1,1-Dichloroethane	**0.88J**	ug/L	1.0	0.24	1		06/09/15 20:46	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/09/15 20:46	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/09/15 20:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:46	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/09/15 20:46	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:46	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/09/15 20:46	78-93-3	
Acetone	**3.1J**	ug/L	20.0	3.0	1		06/09/15 20:46	67-64-1	
Benzene	**0.71J**	ug/L	1.0	0.50	1		06/09/15 20:46	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/09/15 20:46	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/09/15 20:46	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	108-90-7	
Chloroethane	**0.44J**	ug/L	1.0	0.37	1		06/09/15 20:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/09/15 20:46	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/09/15 20:46	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/09/15 20:46	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:46	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/09/15 20:46	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	127-18-4	
Tetrahydrofuran	**51.1**	ug/L	5.0	2.0	1		06/09/15 20:46	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/09/15 20:46	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:46	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/09/15 20:46	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/09/15 20:46	1330-20-7	
cis-1,2-Dichloroethene	**0.82J**	ug/L	1.0	0.26	1		06/09/15 20:46	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/09/15 20:46	10061-01-5	
trans-1,2-Dichloroethene	**0.85J**	ug/L	1.0	0.26	1		06/09/15 20:46	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/09/15 20:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/09/15 20:46	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		06/09/15 20:46	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/09/15 20:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-34D **Lab ID: 40116078022** Collected: 06/03/15 11:22 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		06/08/15 17:25	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/08/15 17:25	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/08/15 17:25	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		06/08/15 17:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		06/08/15 17:25	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		06/08/15 17:25	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		06/08/15 17:25	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		06/08/15 17:25	78-93-3	
Acetone	3.9J	ug/L	20.0	3.0	1		06/08/15 17:25	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		06/08/15 17:25	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		06/08/15 17:25	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		06/08/15 17:25	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		06/08/15 17:25	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		06/08/15 17:25	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		06/08/15 17:25	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		06/08/15 17:25	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		06/08/15 17:25	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		06/08/15 17:25	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		06/08/15 17:25	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/08/15 17:25	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		06/08/15 17:25	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		06/08/15 17:25	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		06/08/15 17:25	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/08/15 17:25	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		06/08/15 17:25	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/08/15 17:25	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		06/08/15 17:25	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 17:25	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 17:25	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/15 17:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-25S **Lab ID: 40116078023** Collected: 06/03/15 09:06 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 17:48	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 17:48	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 17:48	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 17:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 17:48	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 17:48	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 17:48	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 17:48	78-93-3	
Acetone	**3.6J**	ug/L	20.0	3.0	1		06/08/15 17:48	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 17:48	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 17:48	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 17:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 17:48	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 17:48	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 17:48	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 17:48	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 17:48	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 17:48	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 17:48	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 17:48	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 17:48	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 17:48	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 17:48	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 17:48	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 17:48	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 17:48	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 17:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 17:48	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 17:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 17:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-24E DUP **Lab ID: 40116078024** Collected: 06/03/15 16:48 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 18:10	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 18:10	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 18:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 18:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:10	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:10	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:10	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 18:10	78-93-3	
Acetone	**3.2J**	ug/L	20.0	3.0	1		06/08/15 18:10	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 18:10	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 18:10	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 18:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 18:10	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 18:10	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:10	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:10	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:10	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 18:10	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 18:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:10	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:10	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 18:10	1330-20-7	
cis-1,2-Dichloroethene	**0.33J**	ug/L	1.0	0.26	1		06/08/15 18:10	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:10	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 18:10	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 18:10	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 18:10	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 18:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-16S **Lab ID: 40116078025** Collected: 06/03/15 13:18 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 18:33	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 18:33	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 18:33	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 18:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:33	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:33	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:33	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 18:33	78-93-3	
Acetone	**3.4J**	ug/L	20.0	3.0	1		06/08/15 18:33	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 18:33	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 18:33	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 18:33	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:33	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 18:33	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 18:33	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:33	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:33	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:33	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 18:33	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 18:33	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:33	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:33	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 18:33	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 18:33	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:33	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 18:33	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/15 18:33	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 18:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 18:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-40D **Lab ID: 40116078026** Collected: 06/03/15 08:13 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 18:55	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 18:55	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 18:55	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 18:55	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:55	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:55	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:55	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 18:55	78-93-3	
Acetone	**3.3J**	ug/L	20.0	3.0	1		06/08/15 18:55	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 18:55	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 18:55	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 18:55	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:55	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 18:55	74-95-3	
Dichlorodifluoromethane	**0.76J**	ug/L	1.0	0.22	1		06/08/15 18:55	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 18:55	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:55	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 18:55	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	100-42-5	
Tetrachloroethene	**3.5**	ug/L	1.0	0.50	1		06/08/15 18:55	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 18:55	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	108-88-3	
Trichloroethene	**0.77J**	ug/L	1.0	0.33	1		06/08/15 18:55	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:55	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 18:55	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 18:55	1330-20-7	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.26	1		06/08/15 18:55	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 18:55	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 18:55	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 18:55	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 18:55	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 18:55	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/15 18:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-9S **Lab ID: 40116078027** Collected: 06/03/15 15:15 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 13:19	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 13:19	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 13:19	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 13:19	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:19	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:19	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:19	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 13:19	78-93-3	
Acetone	**3.7J**	ug/L	20.0	3.0	1		06/08/15 13:19	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 13:19	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 13:19	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 13:19	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:19	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 13:19	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 13:19	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 13:19	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:19	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 13:19	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	100-42-5	
Tetrachloroethene	**0.71J**	ug/L	1.0	0.50	1		06/08/15 13:19	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 13:19	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 13:19	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:19	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 13:19	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 13:19	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:19	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 13:19	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 13:19	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 13:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 13:19	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/08/15 13:19	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 13:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-24D **Lab ID: 40116078028** Collected: 06/03/15 16:53 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 19:17	79-00-5	
1,1-Dichloroethane	**0.71J**	ug/L	1.0	0.24	1		06/08/15 19:17	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 19:17	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 19:17	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 19:17	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 19:17	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:17	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 19:17	78-93-3	
Acetone	**4.8J**	ug/L	20.0	3.0	1		06/08/15 19:17	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 19:17	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 19:17	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 19:17	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 19:17	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 19:17	74-95-3	
Dichlorodifluoromethane	**0.87J**	ug/L	1.0	0.22	1		06/08/15 19:17	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 19:17	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:17	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 19:17	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	127-18-4	
Tetrahydrofuran	**10.0**	ug/L	5.0	2.0	1		06/08/15 19:17	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 19:17	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 19:17	75-69-4	
Vinyl chloride	**8.9**	ug/L	1.0	0.18	1		06/08/15 19:17	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 19:17	1330-20-7	
cis-1,2-Dichloroethene	**12.0**	ug/L	1.0	0.26	1		06/08/15 19:17	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:17	10061-01-5	
trans-1,2-Dichloroethene	**0.40J**	ug/L	1.0	0.26	1		06/08/15 19:17	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 19:17	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/08/15 19:17	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/15 19:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-21BR **Lab ID: 40116078029** Collected: 06/03/15 13:52 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 19:40	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 19:40	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 19:40	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 19:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 19:40	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 19:40	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:40	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 19:40	78-93-3	
Acetone	**3.2J**	ug/L	20.0	3.0	1		06/08/15 19:40	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 19:40	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 19:40	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 19:40	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 19:40	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 19:40	74-95-3	
Dichlorodifluoromethane	**0.54J**	ug/L	1.0	0.22	1		06/08/15 19:40	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 19:40	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:40	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 19:40	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 19:40	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	108-88-3	
Trichloroethene	**1.3**	ug/L	1.0	0.33	1		06/08/15 19:40	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 19:40	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 19:40	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 19:40	1330-20-7	
cis-1,2-Dichloroethene	**0.84J**	ug/L	1.0	0.26	1		06/08/15 19:40	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 19:40	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 19:40	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 19:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/08/15 19:40	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/08/15 19:40	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/08/15 19:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: P-24E **Lab ID: 40116078030** Collected: 06/03/15 16:48 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 20:02	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 20:02	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 20:02	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 20:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:02	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 20:02	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:02	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 20:02	78-93-3	
Acetone	**3.3J**	ug/L	20.0	3.0	1		06/08/15 20:02	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 20:02	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 20:02	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 20:02	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 20:02	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 20:02	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 20:02	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 20:02	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:02	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 20:02	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 20:02	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 20:02	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:02	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:02	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 20:02	1330-20-7	
cis-1,2-Dichloroethene	**0.32J**	ug/L	1.0	0.26	1		06/08/15 20:02	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:02	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 20:02	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/15 20:02	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/08/15 20:02	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/15 20:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Sample: TRIP BLANK **Lab ID: 40116078031** Collected: 06/03/15 00:00 Received: 06/05/15 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/08/15 20:25	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/08/15 20:25	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/08/15 20:25	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/08/15 20:25	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:25	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/08/15 20:25	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:25	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/08/15 20:25	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/08/15 20:25	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/08/15 20:25	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/08/15 20:25	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/08/15 20:25	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/08/15 20:25	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/08/15 20:25	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/08/15 20:25	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/08/15 20:25	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:25	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/08/15 20:25	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/08/15 20:25	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/08/15 20:25	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:25	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/08/15 20:25	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/08/15 20:25	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 20:25	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/08/15 20:25	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/08/15 20:25	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/08/15 20:25	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/15 20:25	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/08/15 20:25	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/15 20:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

QC Batch: MSV/28788
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 40116078001

METHOD BLANK: 1171313
Matrix: Water
Associated Lab Samples: 40116078001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/08/15 06:52	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/08/15 06:52	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/08/15 06:52	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/08/15 06:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/08/15 06:52	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/08/15 06:52	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/08/15 06:52	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/08/15 06:52	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/08/15 06:52	
Acetone	ug/L	<3.0	20.0	06/08/15 06:52	
Benzene	ug/L	<0.50	1.0	06/08/15 06:52	
Bromodichloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
Bromoform	ug/L	<0.50	1.0	06/08/15 06:52	
Bromomethane	ug/L	<2.4	5.0	06/08/15 06:52	
Carbon disulfide	ug/L	<0.61	5.0	06/08/15 06:52	
Carbon tetrachloride	ug/L	<0.50	1.0	06/08/15 06:52	
Chlorobenzene	ug/L	<0.50	1.0	06/08/15 06:52	
Chloroethane	ug/L	<0.37	1.0	06/08/15 06:52	
Chloroform	ug/L	<2.5	5.0	06/08/15 06:52	
Chloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 06:52	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/08/15 06:52	
Dibromochloromethane	ug/L	<0.50	1.0	06/08/15 06:52	
Dibromomethane	ug/L	<0.43	1.0	06/08/15 06:52	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/08/15 06:52	
Ethylbenzene	ug/L	<0.50	1.0	06/08/15 06:52	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/08/15 06:52	
Methylene Chloride	ug/L	<0.23	1.0	06/08/15 06:52	
Naphthalene	ug/L	<2.5	5.0	06/08/15 06:52	
Styrene	ug/L	<0.50	1.0	06/08/15 06:52	
Tetrachloroethene	ug/L	<0.50	1.0	06/08/15 06:52	
Tetrahydrofuran	ug/L	<2.0	5.0	06/08/15 06:52	
Toluene	ug/L	<0.50	1.0	06/08/15 06:52	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 06:52	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/08/15 06:52	
Trichloroethene	ug/L	<0.33	1.0	06/08/15 06:52	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/08/15 06:52	
Vinyl chloride	ug/L	<0.18	1.0	06/08/15 06:52	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

METHOD BLANK: 1171313 Matrix: Water
Associated Lab Samples: 40116078001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	<1.5	3.0	06/08/15 06:52	
4-Bromofluorobenzene (S)	%	101	70-130	06/08/15 06:52	
Dibromofluoromethane (S)	%	105	70-130	06/08/15 06:52	
Toluene-d8 (S)	%	103	70-130	06/08/15 06:52	

LABORATORY CONTROL SAMPLE & LCSD: 1171314 1171315

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.5	56.6	115	113	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	54.3	51.2	109	102	70-130	6	20	
1,1-Dichloroethane	ug/L	50	57.4	54.2	115	108	70-130	6	20	
1,1-Dichloroethene	ug/L	50	53.3	54.5	107	109	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	45.4	96	91	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	54.1	111	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	53.4	52.5	107	105	70-130	2	20	
1,2-Dichloroethane	ug/L	50	57.6	56.8	115	114	70-131	1	20	
1,2-Dichloropropane	ug/L	50	56.0	54.7	112	109	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	53.0	51.8	106	104	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	53.0	52.3	106	105	70-130	1	20	
Benzene	ug/L	50	55.6	54.4	111	109	70-130	2	20	
Bromodichloromethane	ug/L	50	58.8	58.0	118	116	70-130	1	20	
Bromoform	ug/L	50	48.0	44.9	96	90	68-130	7	20	
Bromomethane	ug/L	50	60.2	63.0	120	126	38-137	4	20	
Carbon disulfide	ug/L	50	56.7	57.3	113	115	70-154	1	20	
Carbon tetrachloride	ug/L	50	60.8	61.4	122	123	70-130	1	20	
Chlorobenzene	ug/L	50	56.8	56.0	114	112	70-130	1	20	
Chloroethane	ug/L	50	55.2	55.2	110	110	70-136	0	20	
Chloroform	ug/L	50	56.8	56.0	114	112	70-130	1	20	
Chloromethane	ug/L	50	58.2	55.8	116	112	48-144	4	20	
cis-1,2-Dichloroethene	ug/L	50	56.2	52.1	112	104	70-130	8	20	
cis-1,3-Dichloropropene	ug/L	50	48.7	49.1	97	98	70-130	1	20	
Dibromochloromethane	ug/L	50	51.6	50.1	103	100	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	56.2	53.7	112	107	33-157	4	20	
Ethylbenzene	ug/L	50	60.2	58.9	120	118	70-132	2	20	
Methyl-tert-butyl ether	ug/L	50	49.4	47.5	99	95	48-141	4	20	
Methylene Chloride	ug/L	50	53.7	52.7	107	105	70-130	2	20	
Styrene	ug/L	50	60.2	58.1	120	116	70-130	4	20	
Tetrachloroethene	ug/L	50	57.4	56.6	115	113	70-130	1	20	
Toluene	ug/L	50	58.6	57.6	117	115	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	54.2	55.3	108	111	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	49.9	48.3	100	97	70-130	3	20	
Trichloroethene	ug/L	50	58.1	57.7	116	115	70-130	1	20	
Trichlorofluoromethane	ug/L	50	54.2	53.9	108	108	50-150	1	20	
Vinyl chloride	ug/L	50	59.2	57.5	118	115	65-142	3	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

LABORATORY CONTROL SAMPLE & LCSD: 1171314 1171315

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Xylene (Total)	ug/L	150	182	179	121	119	70-132	2	20	
4-Bromofluorobenzene (S)	%				101	101	70-130			
Dibromofluoromethane (S)	%				99	100	70-130			
Toluene-d8 (S)	%				107	106	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171628 1171629

Parameter	Units	40116076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	55.3	56.7	111	113	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.1	52.6	102	105	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	55.2	54.7	110	109	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.1	53.3	104	107	70-139	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	47.0	46.3	94	93	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.8	54.0	106	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.2	52.2	102	104	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	55.9	57.3	112	115	70-132	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.4	56.1	109	112	70-130	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.3	51.8	101	104	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.7	52.1	101	104	70-130	3	20	
Benzene	ug/L	<0.50	50	50	54.0	55.3	108	111	70-130	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.5	57.4	111	115	70-132	3	20	
Bromoform	ug/L	<0.50	50	50	44.4	43.1	89	86	68-130	3	20	
Bromomethane	ug/L	<2.4	50	50	63.0	65.3	126	131	38-141	4	20	
Carbon disulfide	ug/L	<0.61	50	50	51.9	45.5	104	91	70-155	13	20	
Carbon tetrachloride	ug/L	<0.50	50	50	60.3	60.8	121	122	70-130	1	20	
Chlorobenzene	ug/L	<0.50	50	50	53.3	55.3	107	111	70-130	4	20	
Chloroethane	ug/L	<0.37	50	50	57.3	55.5	115	111	66-152	3	20	
Chloroform	ug/L	<2.5	50	50	54.2	56.3	108	113	70-130	4	20	
Chloromethane	ug/L	<0.50	50	50	56.3	54.6	113	109	44-151	3	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	53.7	52.8	107	106	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.0	48.3	96	97	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	48.1	48.7	96	97	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	51.7	52.8	103	106	29-160	2	20	
Ethylbenzene	ug/L	<0.50	50	50	56.7	58.3	113	117	70-132	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	47.1	47.7	94	95	48-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	51.1	52.4	102	105	70-130	3	20	
Styrene	ug/L	<0.50	50	50	55.0	55.5	110	111	70-130	1	20	
Tetrachloroethene	ug/L	0.78J	50	50	55.8	56.7	110	112	70-130	2	20	
Toluene	ug/L	<0.50	50	50	55.8	56.2	112	112	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	53.7	56.0	107	112	70-132	4	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.4	47.1	95	94	70-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	55.5	57.1	111	114	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	51.3	53.2	103	106	50-153	4	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171628 1171629

Parameter	Units	40116076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	56.9	57.6	114	115	60-155	1	20	
Xylene (Total)	ug/L	<1.5	150	150	169	171	113	114	70-132	2	20	
4-Bromofluorobenzene (S)	%						103	101	70-130			
Dibromofluoromethane (S)	%						102	101	70-130			
Toluene-d8 (S)	%						105	104	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

QC Batch: MSV/28789 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40116078002, 40116078003, 40116078004, 40116078005, 40116078006, 40116078007, 40116078008, 40116078009, 40116078010, 40116078011, 40116078012, 40116078013, 40116078014, 40116078015, 40116078016, 40116078017, 40116078018, 40116078019, 40116078020, 40116078021

METHOD BLANK: 1171316 Matrix: Water
Associated Lab Samples: 40116078002, 40116078003, 40116078004, 40116078005, 40116078006, 40116078007, 40116078008, 40116078009, 40116078010, 40116078011, 40116078012, 40116078013, 40116078014, 40116078015, 40116078016, 40116078017, 40116078018, 40116078019, 40116078020, 40116078021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/09/15 11:15	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/09/15 11:15	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/09/15 11:15	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/09/15 11:15	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/09/15 11:15	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/09/15 11:15	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/09/15 11:15	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/09/15 11:15	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/09/15 11:15	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/09/15 11:15	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/09/15 11:15	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/09/15 11:15	
Acetone	ug/L	<3.0	20.0	06/09/15 11:15	
Benzene	ug/L	<0.50	1.0	06/09/15 11:15	
Bromodichloromethane	ug/L	<0.50	1.0	06/09/15 11:15	
Bromoform	ug/L	<0.50	1.0	06/09/15 11:15	
Bromomethane	ug/L	<2.4	5.0	06/09/15 11:15	
Carbon disulfide	ug/L	<0.61	5.0	06/09/15 11:15	
Carbon tetrachloride	ug/L	<0.50	1.0	06/09/15 11:15	
Chlorobenzene	ug/L	<0.50	1.0	06/09/15 11:15	
Chloroethane	ug/L	<0.37	1.0	06/09/15 11:15	
Chloroform	ug/L	<2.5	5.0	06/09/15 11:15	
Chloromethane	ug/L	<0.50	1.0	06/09/15 11:15	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/09/15 11:15	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/09/15 11:15	
Dibromochloromethane	ug/L	<0.50	1.0	06/09/15 11:15	
Dibromomethane	ug/L	<0.43	1.0	06/09/15 11:15	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/09/15 11:15	
Ethylbenzene	ug/L	<0.50	1.0	06/09/15 11:15	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/09/15 11:15	
Methylene Chloride	ug/L	<0.23	1.0	06/09/15 11:15	
Naphthalene	ug/L	<2.5	5.0	06/09/15 11:15	
Styrene	ug/L	<0.50	1.0	06/09/15 11:15	
Tetrachloroethene	ug/L	<0.50	1.0	06/09/15 11:15	
Tetrahydrofuran	ug/L	<2.0	5.0	06/09/15 11:15	
Toluene	ug/L	<0.50	1.0	06/09/15 11:15	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/09/15 11:15	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/09/15 11:15	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

METHOD BLANK: 1171316 Matrix: Water

Associated Lab Samples: 40116078002, 40116078003, 40116078004, 40116078005, 40116078006, 40116078007, 40116078008, 40116078009, 40116078010, 40116078011, 40116078012, 40116078013, 40116078014, 40116078015, 40116078016, 40116078017, 40116078018, 40116078019, 40116078020, 40116078021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	06/09/15 11:15	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/09/15 11:15	
Vinyl chloride	ug/L	<0.18	1.0	06/09/15 11:15	
Xylene (Total)	ug/L	<1.5	3.0	06/09/15 11:15	
4-Bromofluorobenzene (S)	%	94	70-130	06/09/15 11:15	
Dibromofluoromethane (S)	%	92	70-130	06/09/15 11:15	
Toluene-d8 (S)	%	100	70-130	06/09/15 11:15	

LABORATORY CONTROL SAMPLE & LCSD: 1171317 1171318

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	43.6	45.2	87	90	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	51.0	52.4	102	105	70-130	3	20	
1,1-Dichloroethane	ug/L	50	46.7	48.1	93	96	70-130	3	20	
1,1-Dichloroethene	ug/L	50	52.7	54.2	105	108	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	33.5	35.7	67	71	50-150	6	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	53.6	103	107	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	51.7	52.7	103	105	70-130	2	20	
1,2-Dichloroethane	ug/L	50	47.1	48.1	94	96	70-131	2	20	
1,2-Dichloropropane	ug/L	50	46.1	47.9	92	96	70-130	4	20	
1,3-Dichlorobenzene	ug/L	50	51.3	54.5	103	109	70-130	6	20	
1,4-Dichlorobenzene	ug/L	50	53.4	55.8	107	112	70-130	4	20	
Benzene	ug/L	50	47.8	48.5	96	97	70-130	1	20	
Bromodichloromethane	ug/L	50	47.6	48.3	95	97	70-130	1	20	
Bromoform	ug/L	50	44.4	45.8	89	92	68-130	3	20	
Bromomethane	ug/L	50	31.7	35.3	63	71	38-137	11	20	
Carbon disulfide	ug/L	50	47.3	49.1	95	98	70-154	4	20	
Carbon tetrachloride	ug/L	50	49.1	49.5	98	99	70-130	1	20	
Chlorobenzene	ug/L	50	54.0	56.0	108	112	70-130	4	20	
Chloroethane	ug/L	50	54.2	54.4	108	109	70-136	0	20	
Chloroform	ug/L	50	48.3	49.2	97	98	70-130	2	20	
Chloromethane	ug/L	50	49.2	48.4	98	97	48-144	2	20	
cis-1,2-Dichloroethene	ug/L	50	54.7	55.4	109	111	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	38.0	38.9	76	78	70-130	2	20	
Dibromochloromethane	ug/L	50	47.9	50.0	96	100	70-130	4	20	
Dichlorodifluoromethane	ug/L	50	40.5	41.2	81	82	33-157	2	20	
Ethylbenzene	ug/L	50	53.7	55.4	107	111	70-132	3	20	
Methyl-tert-butyl ether	ug/L	50	33.9	34.1	68	68	48-141	1	20	
Methylene Chloride	ug/L	50	52.5	52.8	105	106	70-130	0	20	
Styrene	ug/L	50	53.0	55.0	106	110	70-130	4	20	
Tetrachloroethene	ug/L	50	58.5	59.1	117	118	70-130	1	20	
Toluene	ug/L	50	53.2	54.8	106	110	70-130	3	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

LABORATORY CONTROL SAMPLE & LCSD: 1171317 1171318

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	53.3	53.7	107	107	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	34.9	36.3	70	73	70-130	4	20	
Trichloroethene	ug/L	50	52.6	53.2	105	106	70-130	1	20	
Trichlorofluoromethane	ug/L	50	54.7	55.9	109	112	50-150	2	20	
Vinyl chloride	ug/L	50	49.2	50.1	98	100	65-142	2	20	
Xylene (Total)	ug/L	150	163	169	108	113	70-132	4	20	
4-Bromofluorobenzene (S)	%				98	98	70-130			
Dibromofluoromethane (S)	%				101	99	70-130			
Toluene-d8 (S)	%				98	99	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171966 1171967

Parameter	Units	40116078003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	43.2	42.8	86	86	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	49.5	50.0	99	100	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	46.0	45.7	92	91	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.9	51.2	106	102	70-139	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	33.3	34.3	67	69	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	50.3	51.7	101	103	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.3	50.8	103	102	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	46.3	46.0	93	92	70-132	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	45.9	45.6	92	91	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.4	51.3	103	103	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.3	53.0	107	106	70-130	0	20	
Benzene	ug/L	<0.50	50	50	47.4	46.5	95	93	70-130	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	47.3	47.5	95	95	70-132	0	20	
Bromoform	ug/L	<0.50	50	50	42.7	43.9	85	88	68-130	3	20	
Bromomethane	ug/L	<2.4	50	50	37.7	38.3	75	77	38-141	2	20	
Carbon disulfide	ug/L	<0.61	50	50	47.6	47.1	95	94	70-155	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	48.6	48.1	97	96	70-130	1	20	
Chlorobenzene	ug/L	<0.50	50	50	52.4	52.4	105	105	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	53.5	53.6	107	107	66-152	0	20	
Chloroform	ug/L	<2.5	50	50	47.8	47.3	96	95	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	46.8	47.3	94	95	44-151	1	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	54.6	53.6	109	107	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	38.0	37.7	76	75	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	47.4	48.3	95	97	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	42.3	43.1	85	86	29-160	2	20	
Ethylbenzene	ug/L	<0.50	50	50	52.5	52.8	105	106	70-132	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	32.5	32.6	65	65	48-143	0	20	
Methylene Chloride	ug/L	<0.23	50	50	52.0	50.9	104	102	70-130	2	20	
Styrene	ug/L	<0.50	50	50	51.8	52.4	104	105	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	56.5	56.7	113	113	70-130	0	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171966 1171967

Parameter	Units	40116078003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	<0.50	50	50	51.4	51.6	103	103	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	51.8	51.7	104	103	70-132	0	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	33.8	34.5	68	69	70-130	2	20	M1
Trichloroethene	ug/L	<0.33	50	50	52.6	52.1	105	104	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	54.6	53.6	109	107	50-153	2	20	
Vinyl chloride	ug/L	<0.18	50	50	49.0	48.9	98	98	60-155	0	20	
Xylene (Total)	ug/L	<1.5	150	150	160	159	107	106	70-132	1	20	
4-Bromofluorobenzene (S)	%						96	97	70-130			
Dibromofluoromethane (S)	%						101	100	70-130			
Toluene-d8 (S)	%						97	97	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

QC Batch: MSV/28796 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40116078022, 40116078023, 40116078024, 40116078025, 40116078026, 40116078027, 40116078028, 40116078029, 40116078030, 40116078031

METHOD BLANK: 1171683 Matrix: Water
Associated Lab Samples: 40116078022, 40116078023, 40116078024, 40116078025, 40116078026, 40116078027, 40116078028, 40116078029, 40116078030, 40116078031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/08/15 11:27	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/08/15 11:27	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/08/15 11:27	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/08/15 11:27	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/08/15 11:27	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/08/15 11:27	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 11:27	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/08/15 11:27	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/08/15 11:27	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 11:27	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/08/15 11:27	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/08/15 11:27	
Acetone	ug/L	<3.0	20.0	06/08/15 11:27	
Benzene	ug/L	<0.50	1.0	06/08/15 11:27	
Bromodichloromethane	ug/L	<0.50	1.0	06/08/15 11:27	
Bromoform	ug/L	<0.50	1.0	06/08/15 11:27	
Bromomethane	ug/L	<2.4	5.0	06/08/15 11:27	
Carbon disulfide	ug/L	<0.61	5.0	06/08/15 11:27	
Carbon tetrachloride	ug/L	<0.50	1.0	06/08/15 11:27	
Chlorobenzene	ug/L	<0.50	1.0	06/08/15 11:27	
Chloroethane	ug/L	<0.37	1.0	06/08/15 11:27	
Chloroform	ug/L	<2.5	5.0	06/08/15 11:27	
Chloromethane	ug/L	<0.50	1.0	06/08/15 11:27	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 11:27	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/08/15 11:27	
Dibromochloromethane	ug/L	<0.50	1.0	06/08/15 11:27	
Dibromomethane	ug/L	<0.43	1.0	06/08/15 11:27	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/08/15 11:27	
Ethylbenzene	ug/L	<0.50	1.0	06/08/15 11:27	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/08/15 11:27	
Methylene Chloride	ug/L	<0.23	1.0	06/08/15 11:27	
Naphthalene	ug/L	<2.5	5.0	06/08/15 11:27	
Styrene	ug/L	<0.50	1.0	06/08/15 11:27	
Tetrachloroethene	ug/L	<0.50	1.0	06/08/15 11:27	
Tetrahydrofuran	ug/L	<2.0	5.0	06/08/15 11:27	
Toluene	ug/L	<0.50	1.0	06/08/15 11:27	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/08/15 11:27	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/08/15 11:27	
Trichloroethene	ug/L	<0.33	1.0	06/08/15 11:27	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/08/15 11:27	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

METHOD BLANK: 1171683 Matrix: Water

Associated Lab Samples: 40116078022, 40116078023, 40116078024, 40116078025, 40116078026, 40116078027, 40116078028, 40116078029, 40116078030, 40116078031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.18	1.0	06/08/15 11:27	
Xylene (Total)	ug/L	<1.5	3.0	06/08/15 11:27	
4-Bromofluorobenzene (S)	%	102	70-130	06/08/15 11:27	
Dibromofluoromethane (S)	%	100	70-130	06/08/15 11:27	
Toluene-d8 (S)	%	99	70-130	06/08/15 11:27	

LABORATORY CONTROL SAMPLE & LCSD: 1171684 1171685

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	56.8	111	114	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	52.4	55.2	105	110	70-130	5	20	
1,1-Dichloroethane	ug/L	50	48.4	49.9	97	100	70-130	3	20	
1,1-Dichloroethene	ug/L	50	47.9	49.4	96	99	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	48.0	53.0	96	106	50-150	10	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	55.4	105	111	70-130	5	20	
1,2-Dichlorobenzene	ug/L	50	51.6	54.4	103	109	70-130	5	20	
1,2-Dichloroethane	ug/L	50	51.8	53.7	104	107	70-131	4	20	
1,2-Dichloropropane	ug/L	50	53.4	54.5	107	109	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	52.8	55.0	106	110	70-130	4	20	
1,4-Dichlorobenzene	ug/L	50	52.2	54.2	104	108	70-130	4	20	
Benzene	ug/L	50	54.4	55.7	109	111	70-130	2	20	
Bromodichloromethane	ug/L	50	52.7	55.2	105	110	70-130	5	20	
Bromoform	ug/L	50	51.0	53.1	102	106	68-130	4	20	
Bromomethane	ug/L	50	35.5	40.7	71	81	38-137	14	20	
Carbon disulfide	ug/L	50	47.8	49.4	96	99	70-154	3	20	
Carbon tetrachloride	ug/L	50	56.3	57.8	113	116	70-130	3	20	
Chlorobenzene	ug/L	50	52.5	55.3	105	111	70-130	5	20	
Chloroethane	ug/L	50	46.4	48.6	93	97	70-136	5	20	
Chloroform	ug/L	50	58.4	60.6	117	121	70-130	4	20	
Chloromethane	ug/L	50	55.8	58.7	112	117	48-144	5	20	
cis-1,2-Dichloroethene	ug/L	50	63.2	49.8	126	100	70-130	24	20	R1
cis-1,3-Dichloropropene	ug/L	50	52.1	54.8	104	110	70-130	5	20	
Dibromochloromethane	ug/L	50	50.9	53.5	102	107	70-130	5	20	
Dichlorodifluoromethane	ug/L	50	65.1	67.6	130	135	33-157	4	20	
Ethylbenzene	ug/L	50	53.0	55.5	106	111	70-132	5	20	
Methyl-tert-butyl ether	ug/L	50	45.7	48.0	91	96	48-141	5	20	
Methylene Chloride	ug/L	50	44.8	46.3	90	93	70-130	3	20	
Styrene	ug/L	50	52.8	55.7	106	111	70-130	5	20	
Tetrachloroethene	ug/L	50	53.7	55.4	107	111	70-130	3	20	
Toluene	ug/L	50	53.8	55.8	108	112	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	50	46.9	48.1	94	96	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	51.8	54.5	104	109	70-130	5	20	
Trichloroethene	ug/L	50	53.8	55.8	108	112	70-130	4	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

LABORATORY CONTROL SAMPLE & LCSD: 1171684 1171685

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Trichlorofluoromethane	ug/L	50	50.9	52.4	102	105	50-150	3	20	
Vinyl chloride	ug/L	50	54.4	56.5	109	113	65-142	4	20	
Xylene (Total)	ug/L	150	160	167	107	112	70-132	5	20	
4-Bromofluorobenzene (S)	%				100	100	70-130			
Dibromofluoromethane (S)	%				104	103	70-130			
Toluene-d8 (S)	%				101	101	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171759 1171760

Parameter	Units	40116078027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	53.6	54.5	107	109	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.5	54.1	103	108	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	47.4	48.0	95	96	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	46.3	47.7	92	95	70-139	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.6	52.3	97	105	50-150	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.3	54.9	105	110	70-130	5	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	50.2	52.0	100	104	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	51.0	52.1	102	104	70-132	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.9	53.0	102	106	70-130	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.9	52.0	101	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.4	51.8	100	103	70-130	3	20	
Benzene	ug/L	<0.50	50	50	52.3	53.7	105	107	70-130	3	20	
Bromodichloromethane	ug/L	<0.50	50	50	50.9	53.5	102	107	70-132	5	20	
Bromoform	ug/L	<0.50	50	50	50.2	52.8	100	106	68-130	5	20	
Bromomethane	ug/L	<2.4	50	50	39.8	41.0	79	81	38-141	3	20	
Carbon disulfide	ug/L	<0.61	50	50	46.7	47.3	93	94	70-155	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	54.4	55.3	109	111	70-130	2	20	
Chlorobenzene	ug/L	<0.50	50	50	51.9	53.1	104	106	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	44.7	45.4	89	91	66-152	2	20	
Chloroform	ug/L	<2.5	50	50	57.2	58.1	114	116	70-130	2	20	
Chloromethane	ug/L	<0.50	50	50	54.8	55.9	109	111	44-151	2	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.2	55.5	94	111	70-130	16	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50.6	53.0	101	106	70-130	5	20	
Dibromochloromethane	ug/L	<0.50	50	50	50.0	52.6	100	105	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	62.1	62.2	124	124	29-160	0	20	
Ethylbenzene	ug/L	<0.50	50	50	51.5	53.0	103	106	70-132	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	45.5	47.6	91	95	48-143	5	20	
Methylene Chloride	ug/L	<0.23	50	50	43.6	44.2	87	88	70-130	1	20	
Styrene	ug/L	<0.50	50	50	51.9	53.2	104	106	70-130	2	20	
Tetrachloroethene	ug/L	0.71J	50	50	53.0	54.0	104	107	70-130	2	20	
Toluene	ug/L	<0.50	50	50	52.0	53.5	104	107	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	45.8	46.6	91	93	70-132	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	50.7	52.7	101	105	70-130	4	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1171759 1171760

Parameter	Units	40116078027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichloroethene	ug/L	<0.33	50	50	51.4	53.8	103	107	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	49.7	50.4	99	101	50-153	1	20	
Vinyl chloride	ug/L	<0.18	50	50	52.6	53.6	105	107	60-155	2	20	
Xylene (Total)	ug/L	<1.5	150	150	156	159	104	106	70-132	2	20	
4-Bromofluorobenzene (S)	%						102	101	70-130			
Dibromofluoromethane (S)	%						105	104	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: REFUSE HIDEAWAY LANDFILL GW
Pace Project No.: 40116078

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40116078001	P-30D	EPA 8260	MSV/28788		
40116078002	P-30D DUP	EPA 8260	MSV/28789		
40116078003	P-31D	EPA 8260	MSV/28789		
40116078004	P-32S	EPA 8260	MSV/28789		
40116078005	P-31S	EPA 8260	MSV/28789		
40116078006	P-31IA	EPA 8260	MSV/28789		
40116078007	P-30I	EPA 8260	MSV/28789		
40116078008	P-31IB	EPA 8260	MSV/28789		
40116078009	P-41D	EPA 8260	MSV/28789		
40116078010	P-32D	EPA 8260	MSV/28789		
40116078011	P-25D	EPA 8260	MSV/28789		
40116078012	8D-DEEP	EPA 8260	MSV/28789		
40116078013	P-21S	EPA 8260	MSV/28789		
40116078014	P-34S	EPA 8260	MSV/28789		
40116078015	P-16D	EPA 8260	MSV/28789		
40116078016	P-16S DUP	EPA 8260	MSV/28789		
40116078017	P-25BR	EPA 8260	MSV/28789		
40116078018	P-40I	EPA 8260	MSV/28789		
40116078019	P-8S	EPA 8260	MSV/28789		
40116078020	P-21D	EPA 8260	MSV/28789		
40116078021	P-9D	EPA 8260	MSV/28789		
40116078022	P-34D	EPA 8260	MSV/28796		
40116078023	P-25S	EPA 8260	MSV/28796		
40116078024	P-24E DUP	EPA 8260	MSV/28796		
40116078025	P-16S	EPA 8260	MSV/28796		
40116078026	P-40D	EPA 8260	MSV/28796		
40116078027	P-9S	EPA 8260	MSV/28796		
40116078028	P-24D	EPA 8260	MSV/28796		
40116078029	P-21BR	EPA 8260	MSV/28796		
40116078030	P-24E	EPA 8260	MSV/28796		
40116078031	TRIP BLANK	EPA 8260	MSV/28796		

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

mm.

40116078

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name:	LBG
Branch/Location:	Madison, WI
Project Contact:	Jennifer Shelton
Phone:	608-310-7672
Project Number:	
Project Name:	Refuse Hideaway Landfill GW
Project State:	WI
Sampled By (Print):	Jillian Votava
Sampled By (Sign):	J E Vot
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Road #11 Madison, WI 53719
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) Y/N: N
PRESERVATION (CODE)* Pick Letter: B
Analyses Requested: VOC 8260

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	P30D	6-4-15	1037	GW			3-40mL v B	
002	DUP5	↓	1037	↓			↓	
003	P31D		9:30					
004	P32S		11:35					
005	P31S		8:37					
006	P31 IA		9:27					
007	P30I		10:37					
008	P31IB		8:58					
009	P41D		12:04					
010	P32D	↓	11:32					
011	P25D	6-3-15	9:36					
012	P8D	6-3	16:08					
013	P21S	6-3	14:04	↓				

JEV

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
J E Vot	6-4-15 15:00		
FedEx	6/5/15 0945	Katie Johnson	6/5/15 0945

PACE Project No. 40116078

Receipt Temp = R01 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	LBG
Branch/Location:	Madison, WI
Project Contact:	Jennifer Shelton
Phone:	608-310-7672
Project Number:	
Project Name:	Refuge Hideaway GW
Project State:	WI
Sampled By (Print):	Jillian Vertava
Sampled By (Sign):	JV
PO #:	
Regulatory Program:	

Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Rd #11 Madison WI 53719
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analysis Requested: VOC 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					V/N					
					N	B				
001	014 P34S	6-3-15	1108	GW					3-40mL VB	
002	015 P16D		1323							
003	016 DUP3		1318							
004	017 P25BR		9:44							
005	018 P40I		7:55							
006	019 P8S		1555							
007	020 P21D		1429							
008	021 P9D		1500							
009	022 P34D		1122							
010	023 P25S		9:06							
011	024 DUP4		1648							
012	025 P16S		1318							
013	026 P40D		8:13							

9/5/15 KA

SE

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
JEVert	6-4-15 13:00		
FedEx	10/5/15 0945	Katie Schron	10/5/15 0945

PACE Project No.: 40116078

Receipt Temp = 10.1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Pace Analytical
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	LBG
Branch/Location:	Madison
Project Contact:	Jennifer Shelton
Phone:	608 310 7672
Project Number:	
Project Name:	Refuse Hideaway GW
Project State:	WI
Sampled By (Print):	Jillian Votava
Sampled By (Sign):	JC Votava
PO #:	Regulatory Program:

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	VOC 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
027	P9S	6-3-15	1515	GW	N	B			3-40mLv B	
028	P24D		1653						↓	
029	P21BR		1352							
030	P24E	↓	1648	↓	↓	↓	↓		2-40mLv B	
031	Trip Blank (1)	-	-	-						

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Rd #19 Madison WI 53719
Invoice To Phone:	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
JC Votava	6-4-15 13:00		
FedEx	6/5/15 0945	Kate Johnson	6/5/15 0945

PACE Project No.: 40116078
Receipt Temp = 2.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present — Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: WO#: 40116078

40116078

Client Name: LBG

Courier: ☑ Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 7737 4430 7407

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals Intact: ☐ yes ☐ no

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

Thermometer Used: N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: /Corr: 2.01 Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 6/5/15
Initials: KS

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°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.
- VOA Samples frozen upon receipt	☐Yes ☑No	Date/Time:
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	
-Pace IR 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. 003(x1 vial) date collected and collected by are switched KS 6/5/15
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed: KS / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 030215-3CCL		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: 017(x3 vials) ID says P-25B but on COC says P-25BR; 028(x1 vial) time is illegible KS 6/5/15

Project Manager Review: MM for DM Date: 6/5/15

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 15, 2015

Jennifer Shelton
Leggette Brashears & Graham-WI
6409 Odana Road, Suite C
Madison, WI 53719

RE: Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Dear Jennifer Shelton:
Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Charles Burgis, Leggette Brashears & Graham-WI
Andrew Horn, Leggette Brashears & Graham-WI
Alexander Moreland, Leggette Brashears & Graham-WI

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40116195001	7750 USH 14	Water	06/08/15 12:03	06/09/15 10:20
40116195002	7734 USH 14	Water	06/08/15 11:42	06/09/15 10:20
40116195003	7911 DEER RUN	Water	06/08/15 12:41	06/09/15 10:20
40116195004	7911 DEER RUN DUP	Water	06/08/15 12:41	06/09/15 10:20
40116195005	7877 DEER RUN	Water	06/08/15 13:05	06/09/15 10:20
40116195006	7872 DEER RUN	Water	06/08/15 13:23	06/09/15 10:20
40116195007	4318 FAWN CT	Water	06/08/15 13:44	06/09/15 10:20
40116195008	4306 FAWN CT	Water	06/08/15 14:03	06/09/15 10:20

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40116195001	7750 USH 14	EPA 524.2	SH2	45	PASI-M
40116195002	7734 USH 14	EPA 524.2	SH2	45	PASI-M
40116195003	7911 DEER RUN	EPA 524.2	SH2	45	PASI-M
40116195004	7911 DEER RUN DUP	EPA 524.2	SH2	45	PASI-M
40116195005	7877 DEER RUN	EPA 524.2	SH2	45	PASI-M
40116195006	7872 DEER RUN	EPA 524.2	SH2	45	PASI-M
40116195007	4318 FAWN CT	EPA 524.2	SH2	45	PASI-M
40116195008	4306 FAWN CT	EPA 524.2	SH2	45	PASI-M

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40116195001	**7750 USH 14**					
EPA 524.2	cis-1,2-Dichloroethene	1.9	ug/L	0.50	06/11/15 18:56	
EPA 524.2	Tetrachloroethene	2.9	ug/L	0.50	06/11/15 18:56	
EPA 524.2	Trichloroethene	0.67	ug/L	0.50	06/11/15 18:56	
40116195007	**4318 FAWN CT**					
EPA 524.2	Acetone	3.4J	ug/L	20.0	06/11/15 21:34	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7750 USH 14 **Lab ID: 40116195001** Collected: 06/08/15 12:03 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 18:56	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 18:56	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 18:56	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 18:56	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 18:56	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 18:56	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 18:56	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 18:56	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 18:56	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 18:56	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 18:56	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 18:56	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 18:56	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 18:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 18:56	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 18:56	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 18:56	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 18:56	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 18:56	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 18:56	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 18:56	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 18:56	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 18:56	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	0.50	0.17	1		06/11/15 18:56	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 18:56	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 18:56	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 18:56	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 18:56	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 18:56	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 18:56	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 18:56	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 18:56	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 18:56	100-42-5	
Tetrachloroethene	2.9	ug/L	0.50	0.15	1		06/11/15 18:56	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 18:56	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 18:56	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 18:56	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 18:56	79-00-5	
Trichloroethene	0.67	ug/L	0.50	0.14	1		06/11/15 18:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 18:56	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 18:56	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 18:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/11/15 18:56	460-00-4	
Toluene-d8 (S)	103	%.	75-125		1		06/11/15 18:56	2037-26-5	
1,2-Dichloroethane-d4 (S)	109	%.	75-125		1		06/11/15 18:56	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7734 USH 14 **Lab ID: 40116195002** Collected: 06/08/15 11:42 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	**<2.8**	ug/L	20.0	2.8	1		06/11/15 19:22	67-64-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 19:22	71-43-2	
Bromodichloromethane	**<0.14**	ug/L	1.0	0.14	1		06/11/15 19:22	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		06/11/15 19:22	75-25-2	
Bromomethane	**<0.32**	ug/L	4.0	0.32	1		06/11/15 19:22	74-83-9	
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		06/11/15 19:22	78-93-3	
Carbon disulfide	**<0.22**	ug/L	1.0	0.22	1		06/11/15 19:22	75-15-0	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		06/11/15 19:22	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		06/11/15 19:22	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		06/11/15 19:22	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		06/11/15 19:22	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		06/11/15 19:22	74-87-3	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		06/11/15 19:22	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		06/11/15 19:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.21**	ug/L	0.50	0.21	1		06/11/15 19:22	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		06/11/15 19:22	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		06/11/15 19:22	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 19:22	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		06/11/15 19:22	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		06/11/15 19:22	75-71-8	
1,1-Dichloroethane	**<0.19**	ug/L	0.50	0.19	1		06/11/15 19:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		06/11/15 19:22	107-06-2	
1,1-Dichloroethene	**<0.17**	ug/L	0.50	0.17	1		06/11/15 19:22	75-35-4	
cis-1,2-Dichloroethene	**<0.17**	ug/L	0.50	0.17	1		06/11/15 19:22	156-59-2	
trans-1,2-Dichloroethene	**<0.18**	ug/L	0.50	0.18	1		06/11/15 19:22	156-60-5	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		06/11/15 19:22	78-87-5	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 19:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	4.0	0.22	1		06/11/15 19:22	10061-02-6	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		06/11/15 19:22	100-41-4	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		06/11/15 19:22	75-09-2	
Methyl-tert-butyl ether	**<0.16**	ug/L	0.50	0.16	1		06/11/15 19:22	1634-04-4	
Naphthalene	**<0.14**	ug/L	1.0	0.14	1		06/11/15 19:22	91-20-3	
Styrene	**<0.11**	ug/L	0.50	0.11	1		06/11/15 19:22	100-42-5	
Tetrachloroethene	**<0.15**	ug/L	0.50	0.15	1		06/11/15 19:22	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		06/11/15 19:22	109-99-9	
Toluene	**<0.12**	ug/L	0.50	0.12	1		06/11/15 19:22	108-88-3	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		06/11/15 19:22	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		06/11/15 19:22	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.50	0.14	1		06/11/15 19:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		06/11/15 19:22	75-69-4	
Vinyl chloride	**<0.15**	ug/L	0.40	0.15	1		06/11/15 19:22	75-01-4	
Xylene (Total)	**<0.41**	ug/L	1.5	0.41	1		06/11/15 19:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	75-125		1		06/11/15 19:22	460-00-4	
Toluene-d8 (S)	102	%.	75-125		1		06/11/15 19:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	108	%.	75-125		1		06/11/15 19:22	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7911 DEER RUN **Lab ID: 40116195003** Collected: 06/08/15 12:41 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 19:49	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 19:49	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 19:49	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 19:49	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 19:49	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 19:49	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 19:49	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 19:49	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 19:49	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 19:49	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 19:49	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 19:49	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 19:49	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 19:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 19:49	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 19:49	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 19:49	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 19:49	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 19:49	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 19:49	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 19:49	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 19:49	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 19:49	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 19:49	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 19:49	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 19:49	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 19:49	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 19:49	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 19:49	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 19:49	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 19:49	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 19:49	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 19:49	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 19:49	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 19:49	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 19:49	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 19:49	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 19:49	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 19:49	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 19:49	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 19:49	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 19:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	75-125		1		06/11/15 19:49	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/11/15 19:49	2037-26-5	
1,2-Dichloroethane-d4 (S)	110	%.	75-125		1		06/11/15 19:49	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7911 DEER RUN DUP **Lab ID: 40116195004** Collected: 06/08/15 12:41 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 20:15	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:15	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 20:15	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 20:15	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 20:15	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 20:15	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 20:15	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 20:15	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 20:15	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 20:15	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 20:15	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 20:15	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 20:15	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 20:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 20:15	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 20:15	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 20:15	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:15	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 20:15	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 20:15	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 20:15	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 20:15	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 20:15	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 20:15	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 20:15	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 20:15	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:15	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 20:15	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 20:15	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 20:15	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 20:15	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 20:15	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 20:15	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 20:15	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 20:15	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 20:15	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 20:15	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 20:15	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 20:15	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 20:15	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 20:15	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 20:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	75-125		1		06/11/15 20:15	460-00-4	
Toluene-d8 (S)	105	%.	75-125		1		06/11/15 20:15	2037-26-5	
1,2-Dichloroethane-d4 (S)	106	%.	75-125		1		06/11/15 20:15	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7877 DEER RUN **Lab ID: 40116195005** Collected: 06/08/15 13:05 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 20:42	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:42	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 20:42	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 20:42	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 20:42	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 20:42	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 20:42	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 20:42	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 20:42	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 20:42	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 20:42	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 20:42	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 20:42	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 20:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 20:42	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 20:42	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 20:42	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:42	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 20:42	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 20:42	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 20:42	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 20:42	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 20:42	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 20:42	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 20:42	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 20:42	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 20:42	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 20:42	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 20:42	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 20:42	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 20:42	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 20:42	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 20:42	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 20:42	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 20:42	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 20:42	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 20:42	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 20:42	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 20:42	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 20:42	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 20:42	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 20:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	75-125		1		06/11/15 20:42	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/11/15 20:42	2037-26-5	
1,2-Dichloroethane-d4 (S)	111	%.	75-125		1		06/11/15 20:42	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 7872 DEER RUN **Lab ID: 40116195006** Collected: 06/08/15 13:23 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	**<2.8**	ug/L	20.0	2.8	1		06/11/15 21:08	67-64-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 21:08	71-43-2	
Bromodichloromethane	**<0.14**	ug/L	1.0	0.14	1		06/11/15 21:08	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		06/11/15 21:08	75-25-2	
Bromomethane	**<0.32**	ug/L	4.0	0.32	1		06/11/15 21:08	74-83-9	
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		06/11/15 21:08	78-93-3	
Carbon disulfide	**<0.22**	ug/L	1.0	0.22	1		06/11/15 21:08	75-15-0	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		06/11/15 21:08	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		06/11/15 21:08	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		06/11/15 21:08	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		06/11/15 21:08	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		06/11/15 21:08	74-87-3	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		06/11/15 21:08	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		06/11/15 21:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.21**	ug/L	0.50	0.21	1		06/11/15 21:08	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		06/11/15 21:08	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		06/11/15 21:08	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 21:08	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		06/11/15 21:08	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		06/11/15 21:08	75-71-8	
1,1-Dichloroethane	**<0.19**	ug/L	0.50	0.19	1		06/11/15 21:08	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		06/11/15 21:08	107-06-2	
1,1-Dichloroethene	**<0.17**	ug/L	0.50	0.17	1		06/11/15 21:08	75-35-4	
cis-1,2-Dichloroethene	**<0.17**	ug/L	0.50	0.17	1		06/11/15 21:08	156-59-2	
trans-1,2-Dichloroethene	**<0.18**	ug/L	0.50	0.18	1		06/11/15 21:08	156-60-5	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		06/11/15 21:08	78-87-5	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		06/11/15 21:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	4.0	0.22	1		06/11/15 21:08	10061-02-6	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		06/11/15 21:08	100-41-4	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		06/11/15 21:08	75-09-2	
Methyl-tert-butyl ether	**<0.16**	ug/L	0.50	0.16	1		06/11/15 21:08	1634-04-4	
Naphthalene	**<0.14**	ug/L	1.0	0.14	1		06/11/15 21:08	91-20-3	
Styrene	**<0.11**	ug/L	0.50	0.11	1		06/11/15 21:08	100-42-5	
Tetrachloroethene	**<0.15**	ug/L	0.50	0.15	1		06/11/15 21:08	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		06/11/15 21:08	109-99-9	
Toluene	**<0.12**	ug/L	0.50	0.12	1		06/11/15 21:08	108-88-3	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		06/11/15 21:08	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		06/11/15 21:08	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.50	0.14	1		06/11/15 21:08	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		06/11/15 21:08	75-69-4	
Vinyl chloride	**<0.15**	ug/L	0.40	0.15	1		06/11/15 21:08	75-01-4	
Xylene (Total)	**<0.41**	ug/L	1.5	0.41	1		06/11/15 21:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	75-125		1		06/11/15 21:08	460-00-4	
Toluene-d8 (S)	107	%.	75-125		1		06/11/15 21:08	2037-26-5	
1,2-Dichloroethane-d4 (S)	111	%.	75-125		1		06/11/15 21:08	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 4318 FAWN CT **Lab ID: 40116195007** Collected: 06/08/15 13:44 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	3.4J	ug/L	20.0	2.8	1		06/11/15 21:34	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 21:34	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 21:34	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 21:34	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 21:34	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 21:34	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 21:34	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 21:34	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 21:34	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 21:34	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 21:34	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 21:34	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 21:34	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 21:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 21:34	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 21:34	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 21:34	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 21:34	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 21:34	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 21:34	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 21:34	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 21:34	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 21:34	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 21:34	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 21:34	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 21:34	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 21:34	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 21:34	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 21:34	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 21:34	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 21:34	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 21:34	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 21:34	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 21:34	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 21:34	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 21:34	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 21:34	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 21:34	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 21:34	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 21:34	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 21:34	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 21:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	120	%.	75-125		1		06/11/15 21:34	460-00-4	
Toluene-d8 (S)	104	%.	75-125		1		06/11/15 21:34	2037-26-5	
1,2-Dichloroethane-d4 (S)	108	%.	75-125		1		06/11/15 21:34	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Sample: 4306 FAWN CT **Lab ID: 40116195008** Collected: 06/08/15 14:03 Received: 06/09/15 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	<2.8	ug/L	20.0	2.8	1		06/11/15 22:01	67-64-1	
Benzene	<0.21	ug/L	0.50	0.21	1		06/11/15 22:01	71-43-2	
Bromodichloromethane	<0.14	ug/L	1.0	0.14	1		06/11/15 22:01	75-27-4	
Bromoform	<0.41	ug/L	4.0	0.41	1		06/11/15 22:01	75-25-2	
Bromomethane	<0.32	ug/L	4.0	0.32	1		06/11/15 22:01	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		06/11/15 22:01	78-93-3	
Carbon disulfide	<0.22	ug/L	1.0	0.22	1		06/11/15 22:01	75-15-0	
Carbon tetrachloride	<0.35	ug/L	1.0	0.35	1		06/11/15 22:01	56-23-5	
Chlorobenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 22:01	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		06/11/15 22:01	75-00-3	
Chloroform	<0.27	ug/L	1.0	0.27	1		06/11/15 22:01	67-66-3	
Chloromethane	<0.64	ug/L	4.0	0.64	1		06/11/15 22:01	74-87-3	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	4.0	0.70	1		06/11/15 22:01	96-12-8	
Dibromochloromethane	<0.16	ug/L	0.50	0.16	1		06/11/15 22:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.21	ug/L	0.50	0.21	1		06/11/15 22:01	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		06/11/15 22:01	74-95-3	
1,2-Dichlorobenzene	<0.22	ug/L	0.50	0.22	1		06/11/15 22:01	95-50-1	
1,3-Dichlorobenzene	<0.21	ug/L	0.50	0.21	1		06/11/15 22:01	541-73-1	
1,4-Dichlorobenzene	<0.16	ug/L	0.50	0.16	1		06/11/15 22:01	106-46-7	
Dichlorodifluoromethane	<0.49	ug/L	1.0	0.49	1		06/11/15 22:01	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/11/15 22:01	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	0.50	0.17	1		06/11/15 22:01	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 22:01	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/11/15 22:01	156-59-2	
trans-1,2-Dichloroethene	<0.18	ug/L	0.50	0.18	1		06/11/15 22:01	156-60-5	
1,2-Dichloropropane	<0.42	ug/L	4.0	0.42	1		06/11/15 22:01	78-87-5	
cis-1,3-Dichloropropene	<0.21	ug/L	0.50	0.21	1		06/11/15 22:01	10061-01-5	
trans-1,3-Dichloropropene	<0.22	ug/L	4.0	0.22	1		06/11/15 22:01	10061-02-6	
Ethylbenzene	<0.23	ug/L	0.50	0.23	1		06/11/15 22:01	100-41-4	
Methylene Chloride	<0.56	ug/L	4.0	0.56	1		06/11/15 22:01	75-09-2	
Methyl-tert-butyl ether	<0.16	ug/L	0.50	0.16	1		06/11/15 22:01	1634-04-4	
Naphthalene	<0.14	ug/L	1.0	0.14	1		06/11/15 22:01	91-20-3	
Styrene	<0.11	ug/L	0.50	0.11	1		06/11/15 22:01	100-42-5	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/11/15 22:01	127-18-4	
Tetrahydrofuran	<4.0	ug/L	10.0	4.0	1		06/11/15 22:01	109-99-9	
Toluene	<0.12	ug/L	0.50	0.12	1		06/11/15 22:01	108-88-3	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/11/15 22:01	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/L	0.50	0.24	1		06/11/15 22:01	79-00-5	
Trichloroethene	<0.14	ug/L	0.50	0.14	1		06/11/15 22:01	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	0.50	0.18	1		06/11/15 22:01	75-69-4	
Vinyl chloride	<0.15	ug/L	0.40	0.15	1		06/11/15 22:01	75-01-4	
Xylene (Total)	<0.41	ug/L	1.5	0.41	1		06/11/15 22:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	111	%.	75-125		1		06/11/15 22:01	460-00-4	
Toluene-d8 (S)	104	%.	75-125		1		06/11/15 22:01	2037-26-5	
1,2-Dichloroethane-d4 (S)	110	%.	75-125		1		06/11/15 22:01	17060-07-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

QC Batch: MSV/31794 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40116195001, 40116195002, 40116195003, 40116195004, 40116195005, 40116195006, 40116195007, 40116195008

METHOD BLANK: 1991653 Matrix: Water
Associated Lab Samples: 40116195001, 40116195002, 40116195003, 40116195004, 40116195005, 40116195006, 40116195007, 40116195008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	0.50	06/11/15 14:32	
1,1,2-Trichloroethane	ug/L	<0.24	0.50	06/11/15 14:32	
1,1-Dichloroethane	ug/L	<0.19	0.50	06/11/15 14:32	
1,1-Dichloroethene	ug/L	<0.17	0.50	06/11/15 14:32	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	4.0	06/11/15 14:32	
1,2-Dibromoethane (EDB)	ug/L	<0.21	0.50	06/11/15 14:32	
1,2-Dichlorobenzene	ug/L	<0.22	0.50	06/11/15 14:32	
1,2-Dichloroethane	ug/L	<0.17	0.50	06/11/15 14:32	
1,2-Dichloropropane	ug/L	<0.42	4.0	06/11/15 14:32	
1,3-Dichlorobenzene	ug/L	<0.21	0.50	06/11/15 14:32	
1,4-Dichlorobenzene	ug/L	<0.16	0.50	06/11/15 14:32	
2-Butanone (MEK)	ug/L	<2.5	5.0	06/11/15 14:32	
Acetone	ug/L	<2.8	20.0	06/11/15 14:32	
Benzene	ug/L	<0.21	0.50	06/11/15 14:32	
Bromodichloromethane	ug/L	<0.14	1.0	06/11/15 14:32	
Bromoform	ug/L	<0.41	4.0	06/11/15 14:32	
Bromomethane	ug/L	<0.32	4.0	06/11/15 14:32	
Carbon disulfide	ug/L	<0.22	1.0	06/11/15 14:32	
Carbon tetrachloride	ug/L	<0.35	1.0	06/11/15 14:32	
Chlorobenzene	ug/L	<0.23	0.50	06/11/15 14:32	
Chloroethane	ug/L	<0.34	1.0	06/11/15 14:32	
Chloroform	ug/L	<0.27	1.0	06/11/15 14:32	
Chloromethane	ug/L	<0.64	4.0	06/11/15 14:32	
cis-1,2-Dichloroethene	ug/L	<0.17	0.50	06/11/15 14:32	
cis-1,3-Dichloropropene	ug/L	<0.21	0.50	06/11/15 14:32	
Dibromochloromethane	ug/L	<0.16	0.50	06/11/15 14:32	
Dibromomethane	ug/L	<0.31	1.0	06/11/15 14:32	
Dichlorodifluoromethane	ug/L	<0.49	1.0	06/11/15 14:32	
Ethylbenzene	ug/L	<0.23	0.50	06/11/15 14:32	
Methyl-tert-butyl ether	ug/L	<0.16	0.50	06/11/15 14:32	
Methylene Chloride	ug/L	<0.56	4.0	06/11/15 14:32	
Naphthalene	ug/L	0.16J	1.0	06/11/15 14:32	
Styrene	ug/L	<0.11	0.50	06/11/15 14:32	
Tetrachloroethene	ug/L	<0.15	0.50	06/11/15 14:32	
Tetrahydrofuran	ug/L	<4.0	10.0	06/11/15 14:32	
Toluene	ug/L	<0.12	0.50	06/11/15 14:32	
trans-1,2-Dichloroethene	ug/L	<0.18	0.50	06/11/15 14:32	
trans-1,3-Dichloropropene	ug/L	<0.22	4.0	06/11/15 14:32	
Trichloroethene	ug/L	<0.14	0.50	06/11/15 14:32	
Trichlorofluoromethane	ug/L	<0.18	0.50	06/11/15 14:32	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

METHOD BLANK: 1991653 Matrix: Water

Associated Lab Samples: 40116195001, 40116195002, 40116195003, 40116195004, 40116195005, 40116195006, 40116195007, 40116195008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.15	0.40	06/11/15 14:32	
Xylene (Total)	ug/L	<0.41	1.5	06/11/15 14:32	
1,2-Dichloroethane-d4 (S)	%.	110	75-125	06/11/15 14:32	
4-Bromofluorobenzene (S)	%.	108	75-125	06/11/15 14:32	
Toluene-d8 (S)	%.	104	75-125	06/11/15 14:32	

LABORATORY CONTROL SAMPLE & LCSD: 1991654 1991655

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.2	19.0	96	95	70-130	1	20	
1,1,2-Trichloroethane	ug/L	20	19.6	19.9	98	99	70-130	1	20	
1,1-Dichloroethane	ug/L	20	18.6	18.7	93	93	70-130	0	20	
1,1-Dichloroethene	ug/L	20	16.6	16.8	83	84	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.4	48.5	93	97	70-130	5	20	
1,2-Dibromoethane (EDB)	ug/L	20	21.0	19.0	105	95	70-130	10	20	
1,2-Dichlorobenzene	ug/L	20	20.6	19.7	103	99	70-130	4	20	
1,2-Dichloroethane	ug/L	20	20.4	20.5	102	102	70-130	0	20	
1,2-Dichloropropane	ug/L	20	21.0	20.6	105	103	70-130	2	20	
1,3-Dichlorobenzene	ug/L	20	20.7	19.9	103	99	70-130	4	20	
1,4-Dichlorobenzene	ug/L	20	18.9	18.5	94	92	70-130	2	20	
2-Butanone (MEK)	ug/L	100	99.8	99.1	100	99	70-130	1	20	
Acetone	ug/L	100	99.4	103	99	103	70-130	4	20	
Benzene	ug/L	20	20.3	19.8	102	99	70-130	2	20	
Bromodichloromethane	ug/L	20	21.0	20.2	105	101	70-130	4	20	
Bromoform	ug/L	20	18.2	17.0	91	85	70-130	7	20	
Bromomethane	ug/L	20	21.7	22.7	109	113	70-130	4	20	
Carbon disulfide	ug/L	20	17.6	18.6	88	93	70-130	6	20	
Carbon tetrachloride	ug/L	20	20.6	19.9	103	99	70-130	4	20	
Chlorobenzene	ug/L	20	20.0	19.3	100	96	70-130	4	20	
Chloroethane	ug/L	20	18.9	18.2	95	91	70-130	4	20	
Chloroform	ug/L	20	20.3	19.7	102	98	70-130	3	20	
Chloromethane	ug/L	20	19.1	18.9	96	94	70-130	1	20	
cis-1,2-Dichloroethene	ug/L	20	21.3	20.2	106	101	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	20	19.5	18.6	97	93	70-130	4	20	
Dibromochloromethane	ug/L	20	18.9	18.3	95	92	70-130	3	20	
Dibromomethane	ug/L	20	19.7	18.7	98	94	70-130	5	20	
Dichlorodifluoromethane	ug/L	20	18.5	18.7	93	93	70-130	1	20	
Ethylbenzene	ug/L	20	21.0	19.9	105	99	70-130	6	20	
Methyl-tert-butyl ether	ug/L	20	18.6	18.9	93	95	70-130	2	20	
Methylene Chloride	ug/L	20	18.0	18.8	90	94	70-130	5	20	
Naphthalene	ug/L	20	21.1	21.0	105	105	70-130	0	20	
Styrene	ug/L	20	21.3	19.6	106	98	70-130	8	20	
Tetrachloroethene	ug/L	20	19.4	18.0	97	90	70-130	7	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

LABORATORY CONTROL SAMPLE & LCSD: 1991654 1991655

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrahydrofuran	ug/L	200	223	218	111	109	70-130	2	20	
Toluene	ug/L	20	20.2	19.1	101	96	70-130	5	20	
trans-1,2-Dichloroethene	ug/L	20	19.1	19.0	95	95	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	20	19.6	18.4	98	92	70-130	7	20	
Trichloroethene	ug/L	20	19.4	18.2	97	91	70-130	7	20	
Trichlorofluoromethane	ug/L	20	21.2	20.2	106	101	70-130	5	20	
Vinyl chloride	ug/L	20	18.1	19.1	91	95	70-130	5	20	
Xylene (Total)	ug/L	60	59.6	56.9	99	95	70-130	5	20	
1,2-Dichloroethane-d4 (S)	%.				105	107	75-125			
4-Bromofluorobenzene (S)	%.				101	104	75-125			
Toluene-d8 (S)	%.				100	99	75-125			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40116195

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40116195001	7750 USH 14	EPA 524.2	MSV/31794		
40116195002	7734 USH 14	EPA 524.2	MSV/31794		
40116195003	7911 DEER RUN	EPA 524.2	MSV/31794		
40116195004	7911 DEER RUN DUP	EPA 524.2	MSV/31794		
40116195005	7877 DEER RUN	EPA 524.2	MSV/31794		
40116195006	7872 DEER RUN	EPA 524.2	MSV/31794		
40116195007	4318 FAWN CT	EPA 524.2	MSV/31794		
40116195008	4306 FAWN CT	EPA 524.2	MSV/31794		

(Please Print Clearly)

Company Name:	LBG
Branch/Location:	Madison WI
Project Contact:	Jennifer Shelton
Phone:	608-310-7672
Project Number:	
Project Name:	Refuse Hideaway GW
Project State:	WI
Sampled By (Print):	Jillian Votava
Sampled By (Sign):	JG Votava
PO #:	
Regulatory Program:	

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40116195

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Jennifer Shelton
Invoice To Company:	LBG
Invoice To Address:	6409 Odana Rd. #11 Madison WI 53719
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) — Y/N: N
PRESERVATION (CODE)* — Pick Letter: B
Analyses Requested: 524.2

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	524.2	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	7750 USH 14	6-8-15	12:03	GW	X		3-40ml V B	
002	7734 USH 14	6-8-15	11:42	GW	↓		↓	
003	7911 Deer Run	↓	12:41	↓				
004	DUP		12:41					
005	7877 Deer Run		13:05					
006	7872 Deer Run		13:23					
007	4318 Fawn Ct		13:44					
008	4306 Fawn Ct	↓	14:03	↓	↓		↓	

JEV ✓ JEV ✓

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
JG Votava	6-8-15 14:25		
Fed Ex	6-9-15 1020	Maii McKay	6-9-15 1020

PACE Project No. 40116195

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #

WO#:40116195

40116195

Client Name: LBG

Courier: ☑ Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 7737 7689 0330

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

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

Thermometer Used na **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 6-9-15
Initials: mm.

				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.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
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	
-Pace IR 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: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: (VOA), coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☑No	☐N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: returned 1 - 1Lag bottle full, no lable. mm 6-9-15 DI per pm said client dispose of it.

Project Manager Review: AMH for DM **Date:** 6/9/15

F-GB-C-031-Rev.03 (9April2015) SCUR Form

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 08, 2015

Jennifer Shelton
Leggette Brashears & Graham-WI
6409 Odana Road, Suite C
Madison, WI 53719

RE: Project: RHL
Pace Project No.: 40117607

Dear Jennifer Shelton:
Enclosed are the analytical results for sample(s) received by the laboratory on July 02, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Andrew Horn, Leggette Brashears & Graham-WI
Alexander Moreland, Leggette Brashears & Graham-WI

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: RHL
Pace Project No.: 40117607

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: RHL
Pace Project No.: 40117607

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40117607001	P-29S	Water	06/26/15 17:25	07/02/15 16:30
40117607002	P-29S DUP	Water	06/26/15 17:25	07/02/15 16:30

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: RHL
Pace Project No.: 40117607

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40117607001	P-29S	EPA 8260	LAP	45
40117607002	P-29S DUP	EPA 8260	LAP	45

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: RHL
Pace Project No.: 40117607

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40117607001	**P-29S**					
EPA 8260	Acetone	10.0J	ug/L	20.0	07/07/15 12:38	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: RHL
Pace Project No.: 40117607

Sample: P-29S **Lab ID: 40117607001** Collected: 06/26/15 17:25 Received: 07/02/15 16:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/07/15 12:38	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/07/15 12:38	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/07/15 12:38	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/07/15 12:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/07/15 12:38	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/07/15 12:38	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/07/15 12:38	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/07/15 12:38	78-93-3	
Acetone	**10.0J**	ug/L	20.0	3.0	1		07/07/15 12:38	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/07/15 12:38	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/07/15 12:38	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/07/15 12:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/07/15 12:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/07/15 12:38	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/07/15 12:38	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/07/15 12:38	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/07/15 12:38	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/07/15 12:38	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/07/15 12:38	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/07/15 12:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/07/15 12:38	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/07/15 12:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/07/15 12:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/07/15 12:38	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/07/15 12:38	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/07/15 12:38	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/07/15 12:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/07/15 12:38	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		07/07/15 12:38	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		07/07/15 12:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: RHL
Pace Project No.: 40117607

Sample: P-29S DUP **Lab ID: 40117607002** Collected: 06/26/15 17:25 Received: 07/02/15 16:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/07/15 13:01	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/07/15 13:01	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/07/15 13:01	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/07/15 13:01	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/07/15 13:01	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/07/15 13:01	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/07/15 13:01	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		07/07/15 13:01	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		07/07/15 13:01	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/07/15 13:01	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		07/07/15 13:01	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/07/15 13:01	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/07/15 13:01	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/07/15 13:01	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/07/15 13:01	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/07/15 13:01	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/07/15 13:01	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/07/15 13:01	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		07/07/15 13:01	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/07/15 13:01	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/07/15 13:01	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/15 13:01	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		07/07/15 13:01	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/07/15 13:01	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/07/15 13:01	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/07/15 13:01	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/07/15 13:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		07/07/15 13:01	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		07/07/15 13:01	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/07/15 13:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: RHL
Pace Project No.: 40117607

QC Batch: MSV/29262 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40117607001, 40117607002

METHOD BLANK: 1188067 Matrix: Water
Associated Lab Samples: 40117607001, 40117607002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/07/15 07:46	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/07/15 07:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/07/15 07:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/07/15 07:46	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/07/15 07:46	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/07/15 07:46	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/07/15 07:46	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/07/15 07:46	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/07/15 07:46	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/07/15 07:46	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/07/15 07:46	
2-Butanone (MEK)	ug/L	<3.0	20.0	07/07/15 07:46	
Acetone	ug/L	<3.0	20.0	07/07/15 07:46	
Benzene	ug/L	<0.50	1.0	07/07/15 07:46	
Bromodichloromethane	ug/L	<0.50	1.0	07/07/15 07:46	
Bromoform	ug/L	<0.50	1.0	07/07/15 07:46	
Bromomethane	ug/L	<2.4	5.0	07/07/15 07:46	
Carbon disulfide	ug/L	<0.61	5.0	07/07/15 07:46	
Carbon tetrachloride	ug/L	<0.50	1.0	07/07/15 07:46	
Chlorobenzene	ug/L	<0.50	1.0	07/07/15 07:46	
Chloroethane	ug/L	<0.37	1.0	07/07/15 07:46	
Chloroform	ug/L	<2.5	5.0	07/07/15 07:46	
Chloromethane	ug/L	<0.50	1.0	07/07/15 07:46	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/07/15 07:46	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/07/15 07:46	
Dibromochloromethane	ug/L	<0.50	1.0	07/07/15 07:46	
Dibromomethane	ug/L	<0.43	1.0	07/07/15 07:46	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/07/15 07:46	
Ethylbenzene	ug/L	<0.50	1.0	07/07/15 07:46	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/07/15 07:46	
Methylene Chloride	ug/L	<0.23	1.0	07/07/15 07:46	
Naphthalene	ug/L	<2.5	5.0	07/07/15 07:46	
Styrene	ug/L	<0.50	1.0	07/07/15 07:46	
Tetrachloroethene	ug/L	<0.50	1.0	07/07/15 07:46	
Tetrahydrofuran	ug/L	<2.0	5.0	07/07/15 07:46	
Toluene	ug/L	<0.50	1.0	07/07/15 07:46	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/07/15 07:46	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/07/15 07:46	
Trichloroethene	ug/L	<0.33	1.0	07/07/15 07:46	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/07/15 07:46	
Vinyl chloride	ug/L	<0.18	1.0	07/07/15 07:46	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: RHL
Pace Project No.: 40117607

METHOD BLANK: 1188067 Matrix: Water
Associated Lab Samples: 40117607001, 40117607002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	<1.5	3.0	07/07/15 07:46	
4-Bromofluorobenzene (S)	%	102	70-130	07/07/15 07:46	
Dibromofluoromethane (S)	%	106	70-130	07/07/15 07:46	
Toluene-d8 (S)	%	102	70-130	07/07/15 07:46	

LABORATORY CONTROL SAMPLE & LCSD: 1188068 1188069

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.7	20.4	98	102	70-130	4	20	
1,1,2-Trichloroethane	ug/L	20	19.2	20.5	96	102	70-130	7	20	
1,1-Dichloroethane	ug/L	20	18.7	19.7	93	98	70-130	5	20	
1,1-Dichloroethene	ug/L	20	19.3	18.7	96	93	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	20	16.3	17.8	81	89	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/L	20	19.2	21.1	96	106	70-130	9	20	
1,2-Dichlorobenzene	ug/L	20	18.9	19.7	95	99	70-130	4	20	
1,2-Dichloroethane	ug/L	20	23.5	23.8	117	119	70-131	1	20	
1,2-Dichloropropane	ug/L	20	18.6	19.1	93	96	70-130	3	20	
1,3-Dichlorobenzene	ug/L	20	17.7	18.8	89	94	70-130	6	20	
1,4-Dichlorobenzene	ug/L	20	19.6	20.3	98	101	70-130	3	20	
Benzene	ug/L	20	18.0	18.1	90	91	70-130	1	20	
Bromodichloromethane	ug/L	20	21.4	21.1	107	106	70-130	1	20	
Bromoform	ug/L	20	20.5	19.9	103	100	68-130	3	20	
Bromomethane	ug/L	20	18.4	20.0	92	100	38-137	8	20	
Carbon disulfide	ug/L	20	17.4	18.5	87	93	70-154	6	20	
Carbon tetrachloride	ug/L	20	20.9	22.6	105	113	70-130	8	20	
Chlorobenzene	ug/L	20	20.6	21.8	103	109	70-130	6	20	
Chloroethane	ug/L	20	18.2	18.5	91	93	70-136	2	20	
Chloroform	ug/L	20	20.5	21.5	103	107	70-130	4	20	
Chloromethane	ug/L	20	15.4	16.3	77	81	48-144	6	20	
cis-1,2-Dichloroethene	ug/L	20	17.2	19.6	86	98	70-130	13	20	
cis-1,3-Dichloropropene	ug/L	20	16.0	17.0	80	85	70-130	6	20	
Dibromochloromethane	ug/L	20	19.4	19.7	97	99	70-130	1	20	
Dichlorodifluoromethane	ug/L	20	16.0	15.7	80	79	33-157	2	20	
Ethylbenzene	ug/L	20	20.4	21.5	102	107	70-132	5	20	
Methyl-tert-butyl ether	ug/L	20	17.1	17.5	86	88	48-141	2	20	
Methylene Chloride	ug/L	20	18.5	19.3	93	97	70-130	4	20	
Styrene	ug/L	20	20.6	22.2	103	111	70-130	7	20	
Tetrachloroethene	ug/L	20	19.1	21.0	95	105	70-130	9	20	
Toluene	ug/L	20	20.3	21.5	102	108	70-130	6	20	
trans-1,2-Dichloroethene	ug/L	20	18.4	18.9	92	94	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	20	16.2	17.4	81	87	70-130	7	20	
Trichloroethene	ug/L	20	20.6	21.1	103	105	70-130	2	20	
Trichlorofluoromethane	ug/L	20	19.5	20.4	98	102	50-150	4	20	
Vinyl chloride	ug/L	20	17.1	17.9	85	90	65-142	5	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: RHL
Pace Project No.: 40117607

LABORATORY CONTROL SAMPLE & LCSD: 1188068 1188069

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Xylene (Total)	ug/L	60	61.7	66.0	103	110	70-132	7	20	
4-Bromofluorobenzene (S)	%				107	111	70-130			
Dibromofluoromethane (S)	%				105	106	70-130			
Toluene-d8 (S)	%				104	106	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: RHL
Pace Project No.: 40117607

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RHL
Pace Project No.: 40117607

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40117607001	P-29S	EPA 8260	MSV/29262		
40117607002	P-29S DUP	EPA 8260	MSV/29262		

401176607

Pace Analytical
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	LBG
Branch/Location:	Madison, WI
Project Contact:	Jennifer Shelton
Phone:	608 310 7672
Project Number:	
Project Name:	RHL
Project State:	WI
Sampled By (Print):	Al Moreland
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air; B = Biota; C = Charcoal; O = Oil; S = Soil; SI = Sludge; W = Water; DW = Drinking Water; GW = Ground Water; SW = Surface Water; WW = Waste Water; WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Plstc Letter				
001	P26S	6-26-15	17:25	GW		N	X		3-40ml B	
002	DUP	6-26-15	17:25	GW		B	X		↓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
ACM	6-29-15 10:00		
	7/2/15 1630	Kathleen Wendel	7/2/15 1630

PACE Project No.
401176607

Receipt Temp = 21.5 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 8.0 06/14/06

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project #: **WO# : 40117607**

40117607

Client Name: CBG

Courier: (X) Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 7739 3578 9707

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

Custody Seal on Samples Present: ☐ yes (X) no **Seals intact:** ☐ yes ☐ no

Packing Material: (X) Bubble Wrap (X) Bubble Bags ☐ None ☐ Other

Thermometer Used SR-55 **Type of Ice:** Wet Blue Dry (None) ☐ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 21.5 /Corr: 21.5 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes (X) no

Person examining contents:
Date: 7-2-15
Initials: KEW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	(X)Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	(X)Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	(X)Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	(X)Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	(X)Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes (X)No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes (X)No ☐N/A	7.
Sufficient Volume:	(X)Yes ☐No ☐N/A	8.
Correct Containers Used:	(X)Yes ☐No ☐N/A	9.
-Pace Containers Used:	(X)Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No (X)N/A	
Containers Intact:	(X)Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No (X)N/A	11.
Sample Labels match COC:	☐Yes ☐No ☐N/A	12 001 ID of "P-295", time @ 1726 KW 7-2-15
-Includes date/time/ID/Analysis Matrix:	W	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No (X)N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No (X)N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	(X)Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes (X)No ☐N/A	14.
Trip Blank Present:	☐Yes (X)No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No (X)N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Only matrix water remaining in cooler KW 7-2-15

Project Manager Review: RMH for BM **Date:** 7/2/15

F-GB-C-031-Rev.03 (9April2015) SCUR Form

ATTACHMENT 4

Summary of Groundwater Elevations – June 2015

ATTACHMENT 4

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF GROUNDWATER ELEVATIONS - JUNE 2015

Monitoring Well	DNR ID	Depth to Water (ft)	Top of Well Elevation (msl-ft)	Groundwater Elevation (msl-ft)
P-1D	171	923.27	926.67	3.40
P-1S	172	922.00	924.39	2.39
P-3S	143	925.57	932.79	7.22
P-4S	173	927.10	929.89	2.79
P-8BR	126	922.07	929.52	7.45
P-8D	114	924.84	930.98	6.14
P-8S	125	926.30	932.50	6.20
P-9D	140	923.50	930.43	6.93
P-9S	139	925.69	932.09	6.40
P-16D	127	922.99	936.30	13.31
P-16S	142	927.02	935.96	8.94
P-17S	128	923.13	1081.75	158.62
P-18S	129	922.58	1020.57	97.99
P-20SR	167	922.98	961.78	38.80
P-21BR	134	921.37	935.19	13.82
P-21D	113	924.50	935.81	11.31
P-21S	133	928.81	936.43	7.62
P-22D	136	914.11	1088.94	174.83
P-22S	135	914.82	1088.20	173.38
P-22E	174	914.11	1089.72	175.61
P-23D	138	922.34	961.53	39.19
P-23S	137	922.31	961.71	39.40
P-24D	115	923.16	927.25	4.09
P-24E	116	923.03	927.39	4.36
P-25BR	119	916.96	943.27	26.31
P-25D	118	916.45	943.86	27.41
P-25S	117	918.00	943.14	25.14
P-26D	120	922.95	1149.63	226.68
P-26S	141	929.95	1150.95	221.00
P-27D	122	919.31	1095.56	176.25
P-27S	121	919.49	1095.23	175.74
P-28S	123	923.54	1124.33	200.79
P-29S	168	924.24	1163.10	238.86
P-30D	169	905.82	932.97	27.15
P-30I	170	910.69	930.94	20.25
P-30S	144	905.98	932.61	26.63

ATTACHMENT 4

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF GROUNDWATER ELEVATIONS - JUNE 2015

Monitoring Well	DNR ID	Depth to Water (ft)	Top of Well Elevation (msl-ft)	Groundwater Elevation (msl-ft)
P-31D*	145	--	915.72	--
P-31IA*	146	--	916.77	--
P-31IB*	147	--	916.49	--
P-31S	148	911.34	916.59	5.25
P-32D	149	919.86	942.66	22.80
P-32S	150	921.43	943.73	22.30
P-33D	152	922.94	928.50	5.56
P-33S	151	923.53	928.55	5.02
P-34D	153	924.90	1090.98	166.08
P-34S	154	927.51	1091.10	163.59
P-35D	155	919.84	1087.70	167.86
P-35S	156	922.38	1087.90	165.52
P-36D	157	922.61	924.34	1.73
P-36S	158	921.31	924.49	3.18
P-38S	159	916.12	923.21	7.09
P-39S	160	910.18	946.08	35.90
P-40D	161	910.84	922.98	12.14
P-40I	162	911.27	922.28	11.01
P-40S	163	913.9	922.01	8.11
P-41D	165	907.43	924.82	17.39
P-41S	164	918.71	925.58	6.87
P-42S	166	906.99	917.62	10.63
P-43S	175	917.24	1110.60	193.36
P-43I	176	916.6	1110.24	193.64
P-43D	177	916.99	1109.92	192.93

-- : The water level could not be measured and the groundwater elevation was not calculated.

* : Wells P31IA, P-31IB, and P-31D have mechanical packers that prevent water level measurements from being taken.