

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUNDWATER AND ENVIRONMENTAL ENGINEERING SERVICES

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

December 23, 2014

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

Re: November 2014 Groundwater Monitoring Report
Refuse Hideaway Landfill
WDNR PO# NMD00000943
7562 Highway 14
Middleton, Wisconsin 53562

Dear Mr. Myers:

Leggette, Brashears & Graham, Inc. (LBG) is pleased to submit this report for the November 2014 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 January 24, 2013). Included with this letter, please find a data CD 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 – November 2014 (**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 was able to sample the 23 monitoring wells and the 9 drinking water wells scheduled for sampling.

Future Actions

Per Section II part C.7 of the proposal, LBG will maintain water level control devices as necessary in select wells through the winter. The next groundwater sampling event is scheduled for May 2015. If you have any questions or comments, please contact me at 608.310.7672.

Mr. Woody Myers

-2-

December 23, 2014

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.



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 – November 2014

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\Semi_Annual - November 2014\Refuse Groundwater Monitoring Report NOV 2014.doc

ATTACHMENT 1

Data CD and Environmental Monitoring Data Certification

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.

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		November 5 - November 14, 2014

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

November 2014

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data |
| <input checked="" type="checkbox"/> Groundwater monitoring data from private water supply wells | <input type="checkbox"/> Air monitoring data |
| <input type="checkbox"/> Leachate monitoring data | <input type="checkbox"/> Other (specify) _____ |

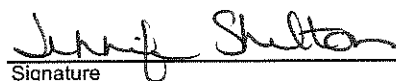
Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- 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.


Signature

12-28-14
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 WELL - NOVEMBER 2014

Sample ID	DNR Well ID	Parameter	Units	Laboratory Result	Exceedance Type	PAL	ES
P-25BR	119	Tetrachloroethene	ug/L	1.1	PAL	0.5	5
P-27S	121	Tetrachloroethene	ug/L	4.0	PAL	0.5	5
P-27S	121	Trichloroethene	ug/L	J 0.52	PAL	0.5	5
P-27S (DUP)	121	Tetrachloroethene	ug/L	4.2	PAL	0.5	5
P-27S (DUP)	121	Trichloroethene	ug/L	J 0.51	PAL	0.5	5
P-27D	122	Tetrachloroethene	ug/L	19.0	ES	0.5	5
P-27D	122	Trichloroethene	ug/L	2.8	PAL	0.5	5
P-17S	128	cis-1,2-Dichloroethene	ug/L	11.9	PAL	7	70
P-17S	128	Tetrachloroethene	ug/L	3.8	PAL	0.5	5
P-17S	128	Trichloroethene	ug/L	2.0	PAL	0.5	5
P-17S	128	Vinyl chloride	ug/L	J 0.33	ES	0.02	0.20
P-18S	129	Tetrachloroethene	ug/L	8.6	ES	0.5	5
P-18S	129	Trichloroethene	ug/L	J 0.92	PAL	0.5	5
P-22S	135	Tetrachloroethene	ug/L	4.2	PAL	0.5	5
P-22S	135	Trichloroethene	ug/L	1.0	PAL	0.5	5
P-22D	136	Tetrachloroethene	ug/L	1.9	PAL	0.5	5
P-23S	137	Tetrachloroethene	ug/L	1.3	PAL	0.5	5
P-23D	138	Tetrachloroethene	ug/L	J 0.57	PAL	0.5	5
P-26S	141	Tetrachloroethene	ug/L	J 0.64	PAL	0.5	5
P-311A	146	Tetrachloroethene	ug/L	3.5	PAL	0.5	5
P-311A	146	Trichloroethene	ug/L	1.1	PAL	0.5	5
P-311B	147	Tetrachloroethene	ug/L	3.5	PAL	0.5	5
P-311B	147	Trichloroethene	ug/L	J 0.97	PAL	0.5	5
P-40D	161	Tetrachloroethene	ug/L	1.6	PAL	0.5	5
P-40I	162	Tetrachloroethene	ug/L	5.1	ES	0.5	5
P-40I	162	Trichloroethene	ug/L	1.2	PAL	0.5	5
P-20SR	167	Tetrachloroethene	ug/L	1.7	PAL	0.5	5
P-22E	174	Tetrachloroethene	ug/L	6.8	ES	0.5	5
P-22E	174	Trichloroethene	ug/L	1.2	PAL	0.5	5
P-43D	177	Tetrachloroethene	ug/L	J 0.83	PAL	0.5	5
7750 USH 14	311	Tetrachloroethene	ug/L	3.40	PAL	0.5	5
7750 USH 14	311	Trichloroethene	ug/L	J 0.76	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 2

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN**

SUMMARY OF NR 140 EXCEEDANCES BY PARAMETER - NOVEMBER 2014

Parameter	Sample ID	DNR Well ID	Units	Laboratory Result	Exceedance Type	PAL	ES
Tetrachloroethene	P-25BR	119	ug/L	1.1	PAL	0.5	5
	P-27S	121	ug/L	4.0	PAL		
	P-27S (DUP)	121	ug/L	4.2	PAL		
	P-27D	122	ug/L	19.0	ES		
	P-17S	128	ug/L	3.8	PAL		
	P-18S	129	ug/L	8.6	ES		
	P-22S	135	ug/L	4.2	PAL		
	P-22D	136	ug/L	1.9	PAL		
	P-23S	137	ug/L	1.3	PAL		
	P-23D	138	ug/L	J 0.57	PAL		
	P-26S	141	ug/L	J 0.64	PAL		
	P-31IA	146	ug/L	3.5	PAL		
	P-31IB	147	ug/L	3.5	PAL		
	P-40D	161	ug/L	1.6	PAL		
	P-40I	162	ug/L	5.1	ES		
	P-20SR	167	ug/L	1.7	PAL		
P-22E	174	ug/L	6.8	ES			
P-43D	177	ug/L	J 0.83	PAL			
7750 USH 14	311	ug/L	3.4	PAL			
Trichloroethene	P-27S	121	ug/L	J 0.52	PAL	0.5	5
	P-27S (DUP)	121	ug/L	J 0.51	PAL		
	P-27D	122	ug/L	2.8	PAL		
	P-17S	128	ug/L	2.0	PAL		
	P-18S	129	ug/L	J 0.92	PAL		
	P-22S	135	ug/L	1.0	PAL		
	P-31IA	146	ug/L	1.1	PAL		
	P-31IB	147	ug/L	J 0.97	PAL		
	P-40I	162	ug/L	1.2	PAL		
	P-22E	174	ug/L	1.2	PAL		
7750 USH 14	311	ug/L	J 0.76	PAL			
Vinyl chloride	P-17S	128	ug/L	J 0.33	ES	0.02	0.2
cis-1,2-Dichloroethene	P-17S	128	ug/L	11.9	PAL	7	70

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

December 02, 2014

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

RE: Project: RHL GW
Pace Project No.: 40107005

Dear Jennifer Shelton:

Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 2014. 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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RHL GW
Pace Project No.: 40107005

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

New York Certification #: 11888
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

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SAMPLE SUMMARY

Project: RHL GW
Pace Project No.: 40107005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40107005001	7750 USH 14	Water	11/11/14 15:00	11/13/14 10:00
40107005002	4310 FAWN CT	Water	11/11/14 13:50	11/13/14 10:00
40107005003	4314 FAWN CT	Water	11/11/14 14:14	11/13/14 10:00
40107005004	7785 LOW RD	Water	11/11/14 15:35	11/13/14 10:00
40107005005	7911 DEER RUN	Water	11/11/14 12:31	11/13/14 10:00
40107005006	7734 USH 14	Water	11/11/14 15:14	11/13/14 10:00
40107005007	7262 SCHNEIDER	Water	11/11/14 14:42	11/13/14 10:00
40107005008	7892 DEER RUN	Water	11/11/14 13:02	11/13/14 10:00
40107005009	7873 DEER RUN	Water	11/11/14 13:33	11/13/14 10:00
40107005010	FIELD BLANK 4	Water	11/11/14 15:45	11/13/14 10:00
40107005011	7785 LOW RD DUP	Water	11/11/14 00:00	11/13/14 10:00
40107005012	P-30D DUP	Water	11/10/14 00:00	11/13/14 10:00
40107005013	P-23D	Water	11/05/14 15:23	11/13/14 10:00
40107005014	P-311B	Water	11/10/14 15:41	11/13/14 10:00
40107005015	P-23S	Water	11/05/14 16:03	11/13/14 10:00
40107005016	P-22D	Water	11/06/14 16:02	11/13/14 10:00
40107005017	P-31D	Water	11/10/14 14:40	11/13/14 10:00
40107005018	P-311A	Water	11/10/14 14:41	11/13/14 10:00
40107005019	FIELD BLANK 2	Water	11/07/14 15:40	11/13/14 10:00
40107005020	P-43D	Water	11/06/14 11:53	11/13/14 10:00
40107005021	P-30D	Water	11/10/14 16:20	11/13/14 10:00
40107005022	P-22S	Water	11/06/14 15:09	11/13/14 10:00
40107005023	P-27D	Water	11/06/14 16:55	11/13/14 10:00
40107005024	FIELD BLANK 3	Water	11/10/14 00:00	11/13/14 10:00
40107005025	TRIP BLANK	Water	11/10/14 00:00	11/13/14 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RHL GW
Pace Project No.: 40107005

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40107005001	7750 USH 14	EPA 524.2	SH2	45	PASI-M
40107005002	4310 FAWN CT	EPA 524.2	SH2	45	PASI-M
40107005003	4314 FAWN CT	EPA 524.2	SH2	45	PASI-M
40107005004	7785 LOW RD	EPA 524.2	SH2	45	PASI-M
40107005005	7911 DEER RUN	EPA 524.2	SH2	45	PASI-M
40107005006	7734 USH 14	EPA 524.2	SH2	45	PASI-M
40107005007	7262 SCHNEIDER	EPA 524.2	SH2	45	PASI-M
40107005008	7892 DEER RUN	EPA 524.2	SH2	45	PASI-M
40107005009	7873 DEER RUN	EPA 524.2	SH2	45	PASI-M
40107005010	FIELD BLANK 4	EPA 524.2	SH2	45	PASI-M
40107005011	7785 LOW RD DUP	EPA 524.2	SH2	45	PASI-M
40107005012	P-30D DUP	EPA 8260	LAP	45	PASI-G
40107005013	P-23D	EPA 8260	LAP	45	PASI-G
40107005014	P-311B	EPA 8260	LAP	45	PASI-G
40107005015	P-23S	EPA 8260	LAP	45	PASI-G
40107005016	P-22D	EPA 8260	LAP	45	PASI-G
40107005017	P-31D	EPA 8260	LAP	45	PASI-G
40107005018	P-311A	EPA 8260	LAP	45	PASI-G
40107005019	FIELD BLANK 2	EPA 8260	LAP	45	PASI-G
40107005020	P-43D	EPA 8260	LAP	45	PASI-G
40107005021	P-30D	EPA 8260	LAP	45	PASI-G
40107005022	P-22S	EPA 8260	LAP	45	PASI-G
40107005023	P-27D	EPA 8260	LAP	45	PASI-G
40107005024	FIELD BLANK 3	EPA 8260	LAP	45	PASI-G
40107005025	TRIP BLANK	EPA 8260	LAP	45	PASI-G

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: RHL GW
Pace Project No.: 40107005

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40107005001	7750 USH 14					
EPA 524.2	1,1-Dichloroethane	0.34J	ug/L	0.50	11/23/14 22:58	
EPA 524.2	cis-1,2-Dichloroethene	1.9	ug/L	0.50	11/23/14 22:58	
EPA 524.2	Tetrachloroethene	3.4	ug/L	0.50	11/23/14 22:58	
EPA 524.2	Trichloroethene	0.76J	ug/L	1.0	11/23/14 22:58	
40107005010	FIELD BLANK 4					
EPA 524.2	Chloroform	0.22J	ug/L	0.50	11/23/14 21:00	
40107005013	P-23D					
EPA 8260	Tetrachloroethene	0.57J	ug/L	1.0	11/14/14 19:22	
40107005014	P-31IB					
EPA 8260	1,1-Dichloroethane	0.31J	ug/L	1.0	11/14/14 09:55	
EPA 8260	Dichlorodifluoromethane	0.73J	ug/L	1.0	11/14/14 09:55	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	11/14/14 09:55	
EPA 8260	Trichloroethene	0.97J	ug/L	1.0	11/14/14 09:55	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	11/14/14 09:55	
40107005015	P-23S					
EPA 8260	Dichlorodifluoromethane	0.42J	ug/L	1.0	11/14/14 13:24	
EPA 8260	Tetrachloroethene	1.3	ug/L	1.0	11/14/14 13:24	
40107005016	P-22D					
EPA 8260	Tetrachloroethene	1.9	ug/L	1.0	11/14/14 13:46	
EPA 8260	Trichloroethene	0.47J	ug/L	1.0	11/14/14 13:46	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	11/14/14 13:46	
40107005018	P-31IA					
EPA 8260	1,1-Dichloroethane	0.33J	ug/L	1.0	11/14/14 15:38	
EPA 8260	Dichlorodifluoromethane	0.63J	ug/L	1.0	11/14/14 15:38	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	11/14/14 15:38	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	11/14/14 15:38	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	11/14/14 15:38	
40107005019	FIELD BLANK 2					
EPA 8260	Acetone	3.8J	ug/L	20.0	11/14/14 16:23	
40107005020	P-43D					
EPA 8260	Tetrachloroethene	0.83J	ug/L	1.0	11/14/14 14:08	
40107005022	P-22S					
EPA 8260	1,1-Dichloroethane	0.33J	ug/L	1.0	11/14/14 14:31	
EPA 8260	Dichlorodifluoromethane	1.1	ug/L	1.0	11/14/14 14:31	
EPA 8260	Tetrachloroethene	4.2	ug/L	1.0	11/14/14 14:31	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	11/14/14 14:31	
EPA 8260	Trichlorofluoromethane	0.35J	ug/L	1.0	11/14/14 14:31	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	11/14/14 14:31	
40107005023	P-27D					
EPA 8260	1,1-Dichloroethane	0.88J	ug/L	1.0	11/14/14 14:53	
EPA 8260	Dichlorodifluoromethane	0.93J	ug/L	1.0	11/14/14 14:53	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: RHL GW
Pace Project No.: 40107005

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40107005023	P-27D					
EPA 8260	Tetrachloroethene	19.0	ug/L	1.0	11/14/14 14:53	
EPA 8260	Trichloroethene	2.8	ug/L	1.0	11/14/14 14:53	
EPA 8260	Trichlorofluoromethane	0.65J	ug/L	1.0	11/14/14 14:53	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	11/14/14 14:53	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7750 USH 14 Lab ID: 40107005001 Collected: 11/11/14 15:00 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/23/14 22:58	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/23/14 22:58	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/23/14 22:58	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/23/14 22:58	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/23/14 22:58	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/23/14 22:58	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/23/14 22:58	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/23/14 22:58	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/23/14 22:58	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/23/14 22:58	75-00-3	M1
Chloroform	<0.20	ug/L	0.50	0.20	1		11/23/14 22:58	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/23/14 22:58	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/23/14 22:58	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/23/14 22:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/23/14 22:58	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/23/14 22:58	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/23/14 22:58	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 22:58	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 22:58	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/23/14 22:58	75-71-8	
1,1-Dichloroethane	0.34J	ug/L	0.50	0.087	1		11/23/14 22:58	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/23/14 22:58	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/23/14 22:58	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	0.50	0.11	1		11/23/14 22:58	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/23/14 22:58	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/23/14 22:58	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/23/14 22:58	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/23/14 22:58	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/23/14 22:58	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/23/14 22:58	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/23/14 22:58	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/23/14 22:58	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/23/14 22:58	100-42-5	
Tetrachloroethene	3.4	ug/L	0.50	0.12	1		11/23/14 22:58	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/23/14 22:58	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/23/14 22:58	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/23/14 22:58	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/23/14 22:58	79-00-5	
Trichloroethene	0.76J	ug/L	1.0	0.084	1		11/23/14 22:58	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/23/14 22:58	75-69-4	M1
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/23/14 22:58	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/23/14 22:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		75-125		1		11/23/14 22:58	460-00-4	
Toluene-d8 (S)	104 %		75-125		1		11/23/14 22:58	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		75-125		1		11/23/14 22:58	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 4310 FAWN CT **Lab ID: 40107005002** Collected: 11/11/14 13:50 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/23/14 23:21	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/23/14 23:21	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/23/14 23:21	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/23/14 23:21	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/23/14 23:21	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/23/14 23:21	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/23/14 23:21	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/23/14 23:21	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/23/14 23:21	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/23/14 23:21	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/23/14 23:21	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/23/14 23:21	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/23/14 23:21	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/23/14 23:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/23/14 23:21	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/23/14 23:21	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/23/14 23:21	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 23:21	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 23:21	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/23/14 23:21	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/23/14 23:21	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/23/14 23:21	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/23/14 23:21	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/23/14 23:21	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/23/14 23:21	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/23/14 23:21	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/23/14 23:21	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/23/14 23:21	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/23/14 23:21	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/23/14 23:21	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/23/14 23:21	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/23/14 23:21	91-20-3	C8
Styrene	<0.069	ug/L	0.50	0.069	1		11/23/14 23:21	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/23/14 23:21	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/23/14 23:21	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/23/14 23:21	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/23/14 23:21	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/23/14 23:21	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/23/14 23:21	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/23/14 23:21	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/23/14 23:21	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/23/14 23:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		75-125		1		11/23/14 23:21	460-00-4	
Toluene-d8 (S)	102 %		75-125		1		11/23/14 23:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		75-125		1		11/23/14 23:21	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 4314 FAWN CT **Lab ID: 40107005003** Collected: 11/11/14 14:14 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 00:32	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 00:32	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 00:32	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 00:32	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 00:32	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 00:32	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 00:32	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 00:32	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 00:32	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 00:32	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 00:32	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 00:32	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 00:32	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 00:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 00:32	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 00:32	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 00:32	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:32	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:32	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 00:32	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 00:32	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 00:32	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 00:32	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 00:32	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 00:32	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 00:32	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 00:32	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:32	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 00:32	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 00:32	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 00:32	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 00:32	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 00:32	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 00:32	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 00:32	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 00:32	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 00:32	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 00:32	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 00:32	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 00:32	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 00:32	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 00:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		75-125		1		11/24/14 00:32	460-00-4	
Toluene-d8 (S)	103 %		75-125		1		11/24/14 00:32	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		75-125		1		11/24/14 00:32	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7785 LOW RD **Lab ID: 40107005004** Collected: 11/11/14 15:35 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 00:55	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 00:55	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 00:55	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 00:55	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 00:55	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 00:55	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 00:55	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 00:55	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 00:55	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 00:55	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 00:55	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 00:55	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 00:55	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 00:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 00:55	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 00:55	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 00:55	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:55	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:55	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 00:55	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 00:55	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 00:55	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 00:55	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 00:55	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 00:55	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 00:55	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 00:55	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 00:55	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 00:55	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 00:55	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 00:55	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 00:55	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 00:55	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 00:55	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 00:55	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 00:55	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 00:55	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 00:55	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 00:55	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 00:55	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 00:55	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 00:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %.		75-125		1		11/24/14 00:55	460-00-4	
Toluene-d8 (S)	102 %.		75-125		1		11/24/14 00:55	2037-26-5	
1,2-Dichloroethane-d4 (S)	106 %.		75-125		1		11/24/14 00:55	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7911 DEER RUN **Lab ID: 40107005005** Collected: 11/11/14 12:31 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 01:19	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 01:19	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 01:19	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 01:19	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 01:19	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 01:19	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 01:19	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 01:19	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 01:19	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 01:19	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 01:19	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 01:19	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 01:19	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 01:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 01:19	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 01:19	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 01:19	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:19	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:19	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 01:19	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 01:19	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 01:19	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 01:19	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 01:19	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 01:19	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 01:19	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 01:19	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:19	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 01:19	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 01:19	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 01:19	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 01:19	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 01:19	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 01:19	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 01:19	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 01:19	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 01:19	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 01:19	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 01:19	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 01:19	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 01:19	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 01:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103 %		75-125		1		11/24/14 01:19	460-00-4	
Toluene-d8 (S)	105 %		75-125		1		11/24/14 01:19	2037-26-5	
1,2-Dichloroethane-d4 (S)	106 %		75-125		1		11/24/14 01:19	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7734 USH 14 **Lab ID: 40107005006** Collected: 11/11/14 15:14 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 01:42	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 01:42	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 01:42	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 01:42	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 01:42	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 01:42	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 01:42	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 01:42	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 01:42	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 01:42	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 01:42	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 01:42	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 01:42	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 01:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 01:42	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 01:42	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 01:42	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:42	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:42	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 01:42	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 01:42	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 01:42	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 01:42	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 01:42	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 01:42	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 01:42	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 01:42	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 01:42	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 01:42	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 01:42	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 01:42	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 01:42	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 01:42	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 01:42	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 01:42	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 01:42	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 01:42	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 01:42	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 01:42	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 01:42	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 01:42	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 01:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		75-125		1		11/24/14 01:42	460-00-4	
Toluene-d8 (S)	106 %		75-125		1		11/24/14 01:42	2037-26-5	
1,2-Dichloroethane-d4 (S)	104 %		75-125		1		11/24/14 01:42	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: **7262 SCHNEIDER** Lab ID: **40107005007** Collected: 11/11/14 14:42 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 02:06	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 02:06	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 02:06	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 02:06	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 02:06	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 02:06	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 02:06	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 02:06	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 02:06	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 02:06	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 02:06	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 02:06	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 02:06	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 02:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 02:06	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 02:06	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 02:06	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:06	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:06	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 02:06	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 02:06	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 02:06	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 02:06	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:06	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 02:06	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 02:06	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 02:06	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:06	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 02:06	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 02:06	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 02:06	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 02:06	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 02:06	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 02:06	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 02:06	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:06	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 02:06	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 02:06	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 02:06	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 02:06	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 02:06	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 02:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		75-125		1		11/24/14 02:06	460-00-4	
Toluene-d8 (S)	111 %		75-125		1		11/24/14 02:06	2037-26-5	
1,2-Dichloroethane-d4 (S)	108 %		75-125		1		11/24/14 02:06	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7892 DEER RUN Lab ID: 40107005008 Collected: 11/11/14 13:02 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 02:29	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 02:29	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 02:29	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 02:29	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 02:29	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 02:29	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 02:29	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 02:29	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 02:29	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 02:29	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 02:29	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 02:29	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 02:29	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 02:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 02:29	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 02:29	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 02:29	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:29	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:29	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 02:29	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 02:29	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 02:29	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 02:29	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:29	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 02:29	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 02:29	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 02:29	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:29	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 02:29	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 02:29	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 02:29	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 02:29	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 02:29	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 02:29	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 02:29	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:29	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 02:29	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 02:29	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 02:29	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 02:29	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 02:29	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 02:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		75-125		1		11/24/14 02:29	460-00-4	
Toluene-d8 (S)	104 %		75-125		1		11/24/14 02:29	2037-26-5	
1,2-Dichloroethane-d4 (S)	106 %		75-125		1		11/24/14 02:29	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7873 DEER RUN **Lab ID: 40107005009** Collected: 11/11/14 13:33 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 02:53	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 02:53	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 02:53	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 02:53	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 02:53	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 02:53	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 02:53	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 02:53	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 02:53	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 02:53	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 02:53	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 02:53	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 02:53	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 02:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 02:53	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 02:53	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 02:53	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:53	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:53	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 02:53	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 02:53	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 02:53	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 02:53	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:53	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 02:53	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 02:53	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 02:53	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 02:53	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 02:53	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 02:53	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 02:53	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 02:53	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 02:53	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 02:53	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 02:53	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 02:53	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 02:53	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 02:53	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 02:53	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 02:53	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 02:53	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 02:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103 %		75-125		1		11/24/14 02:53	460-00-4	
Toluene-d8 (S)	105 %		75-125		1		11/24/14 02:53	2037-26-5	
1,2-Dichloroethane-d4 (S)	107 %		75-125		1		11/24/14 02:53	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: FIELD BLANK 4 **Lab ID: 40107005010** Collected: 11/11/14 15:45 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/23/14 21:00	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/23/14 21:00	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/23/14 21:00	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/23/14 21:00	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/23/14 21:00	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/23/14 21:00	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/23/14 21:00	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/23/14 21:00	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/23/14 21:00	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/23/14 21:00	75-00-3	
Chloroform	0.22J	ug/L	0.50	0.20	1		11/23/14 21:00	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/23/14 21:00	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/23/14 21:00	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/23/14 21:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/23/14 21:00	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/23/14 21:00	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/23/14 21:00	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 21:00	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/23/14 21:00	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/23/14 21:00	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/23/14 21:00	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/23/14 21:00	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/23/14 21:00	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/23/14 21:00	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/23/14 21:00	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/23/14 21:00	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/23/14 21:00	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/23/14 21:00	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/23/14 21:00	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/23/14 21:00	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/23/14 21:00	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/23/14 21:00	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/23/14 21:00	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/23/14 21:00	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/23/14 21:00	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/23/14 21:00	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/23/14 21:00	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/23/14 21:00	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/23/14 21:00	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/23/14 21:00	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/23/14 21:00	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/23/14 21:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		75-125		1		11/23/14 21:00	460-00-4	
Toluene-d8 (S)	100 %		75-125		1		11/23/14 21:00	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		75-125		1		11/23/14 21:00	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: 7785 LOW RD DUP **Lab ID: 40107005011** Collected: 11/11/14 00:00 Received: 11/13/14 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Acetone	<10.0	ug/L	20.0	10.0	1		11/24/14 03:17	67-64-1	
Benzene	<0.073	ug/L	0.50	0.073	1		11/24/14 03:17	71-43-2	
Bromodichloromethane	<0.11	ug/L	0.50	0.11	1		11/24/14 03:17	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	1		11/24/14 03:17	75-25-2	
Bromomethane	<2.0	ug/L	4.0	2.0	1		11/24/14 03:17	74-83-9	
2-Butanone (MEK)	<2.5	ug/L	5.0	2.5	1		11/24/14 03:17	78-93-3	
Carbon disulfide	<0.18	ug/L	1.0	0.18	1		11/24/14 03:17	75-15-0	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		11/24/14 03:17	56-23-5	
Chlorobenzene	<0.066	ug/L	0.50	0.066	1		11/24/14 03:17	108-90-7	
Chloroethane	<0.27	ug/L	1.0	0.27	1		11/24/14 03:17	75-00-3	
Chloroform	<0.20	ug/L	0.50	0.20	1		11/24/14 03:17	67-66-3	
Chloromethane	<0.34	ug/L	4.0	0.34	1		11/24/14 03:17	74-87-3	
1,2-Dibromo-3-chloropropane	<2.0	ug/L	10.0	2.0	1		11/24/14 03:17	96-12-8	
Dibromochloromethane	<0.25	ug/L	1.0	0.25	1		11/24/14 03:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.097	ug/L	0.50	0.097	1		11/24/14 03:17	106-93-4	
Dibromomethane	<0.25	ug/L	0.50	0.25	1		11/24/14 03:17	74-95-3	
1,2-Dichlorobenzene	<0.082	ug/L	0.50	0.082	1		11/24/14 03:17	95-50-1	
1,3-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 03:17	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	0.50	0.25	1		11/24/14 03:17	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	1.0	0.50	1		11/24/14 03:17	75-71-8	
1,1-Dichloroethane	<0.087	ug/L	0.50	0.087	1		11/24/14 03:17	75-34-3	
1,2-Dichloroethane	<0.10	ug/L	0.50	0.10	1		11/24/14 03:17	107-06-2	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		11/24/14 03:17	75-35-4	
cis-1,2-Dichloroethene	<0.11	ug/L	0.50	0.11	1		11/24/14 03:17	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.50	0.15	1		11/24/14 03:17	156-60-5	
1,2-Dichloropropane	<0.10	ug/L	4.0	0.10	1		11/24/14 03:17	78-87-5	
cis-1,3-Dichloropropene	<0.093	ug/L	0.50	0.093	1		11/24/14 03:17	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/L	0.50	0.25	1		11/24/14 03:17	10061-02-6	
Ethylbenzene	<0.096	ug/L	0.50	0.096	1		11/24/14 03:17	100-41-4	
Methylene Chloride	<2.0	ug/L	4.0	2.0	1		11/24/14 03:17	75-09-2	
Methyl-tert-butyl ether	<0.12	ug/L	0.50	0.12	1		11/24/14 03:17	1634-04-4	
Naphthalene	<0.50	ug/L	1.0	0.50	1		11/24/14 03:17	91-20-3	
Styrene	<0.069	ug/L	0.50	0.069	1		11/24/14 03:17	100-42-5	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		11/24/14 03:17	127-18-4	
Tetrahydrofuran	<0.98	ug/L	10.0	0.98	1		11/24/14 03:17	109-99-9	
Toluene	<0.11	ug/L	0.50	0.11	1		11/24/14 03:17	108-88-3	
1,1,1-Trichloroethane	<0.17	ug/L	0.50	0.17	1		11/24/14 03:17	71-55-6	
1,1,2-Trichloroethane	<0.14	ug/L	0.50	0.14	1		11/24/14 03:17	79-00-5	
Trichloroethene	<0.084	ug/L	1.0	0.084	1		11/24/14 03:17	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.50	0.12	1		11/24/14 03:17	75-69-4	
Vinyl chloride	<0.082	ug/L	0.40	0.082	1		11/24/14 03:17	75-01-4	
Xylene (Total)	<0.21	ug/L	1.5	0.21	1		11/24/14 03:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		75-125		1		11/24/14 03:17	460-00-4	
Toluene-d8 (S)	104 %		75-125		1		11/24/14 03:17	2037-26-5	
1,2-Dichloroethane-d4 (S)	106 %		75-125		1		11/24/14 03:17	17060-07-0	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-30D DUP **Lab ID: 40107005012** Collected: 11/10/14 00:00 Received: 11/13/14 10:00 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		11/14/14 18:15	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 18:15	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 18:15	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 18:15	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 18:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 18:15	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 18:15	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 18:15	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 18:15	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 18:15	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 18:15	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 18:15	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 18:15	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 18:15	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 18:15	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 18:15	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 18:15	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 18:15	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 18:15	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 18:15	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 18:15	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 18:15	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 18:15	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 18:15	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 18:15	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 18:15	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 18:15	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 18:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/14/14 18:15	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 18:15	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 18:15	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-23D Lab ID: 40107005013 Collected: 11/05/14 15:23 Received: 11/13/14 10:00 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		11/14/14 19:22	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 19:22	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 19:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 19:22	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 19:22	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 19:22	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 19:22	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 19:22	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 19:22	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 19:22	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 19:22	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 19:22	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 19:22	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 19:22	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 19:22	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 19:22	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 19:22	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 19:22	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 19:22	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	100-42-5	
Tetrachloroethene	0.57J	ug/L	1.0	0.50	1		11/14/14 19:22	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 19:22	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 19:22	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 19:22	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 19:22	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 19:22	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 19:22	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 19:22	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 19:22	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 19:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/14/14 19:22	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 19:22	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 19:22	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-311B Lab ID: 40107005014 Collected: 11/10/14 15:41 Received: 11/13/14 10:00 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		11/14/14 09:55	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 09:55	79-00-5	
1,1-Dichloroethane	0.31J	ug/L	1.0	0.24	1		11/14/14 09:55	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 09:55	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 09:55	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 09:55	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 09:55	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 09:55	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 09:55	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 09:55	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 09:55	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 09:55	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 09:55	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 09:55	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 09:55	74-95-3	
Dichlorodifluoromethane	0.73J	ug/L	1.0	0.20	1		11/14/14 09:55	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 09:55	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 09:55	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 09:55	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	100-42-5	
Tetrachloroethene	3.5	ug/L	1.0	0.50	1		11/14/14 09:55	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 09:55	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	108-88-3	
Trichloroethene	0.97J	ug/L	1.0	0.33	1		11/14/14 09:55	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 09:55	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 09:55	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 09:55	1330-20-7	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.26	1		11/14/14 09:55	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 09:55	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 09:55	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 09:55	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/14/14 09:55	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/14/14 09:55	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/14/14 09:55	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-23S Lab ID: 40107005015 Collected: 11/05/14 16:03 Received: 11/13/14 10:00 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		11/14/14 13:24	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 13:24	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 13:24	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 13:24	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 13:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 13:24	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 13:24	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 13:24	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 13:24	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 13:24	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 13:24	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 13:24	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 13:24	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 13:24	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 13:24	74-95-3	
Dichlorodifluoromethane	0.42J	ug/L	1.0	0.20	1		11/14/14 13:24	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 13:24	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 13:24	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 13:24	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	100-42-5	
Tetrachloroethene	1.3	ug/L	1.0	0.50	1		11/14/14 13:24	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 13:24	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 13:24	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 13:24	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 13:24	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 13:24	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 13:24	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:24	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 13:24	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 13:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/14/14 13:24	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 13:24	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 13:24	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-22D **Lab ID: 40107005016** Collected: 11/06/14 16:02 Received: 11/13/14 10:00 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		11/14/14 13:46	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 13:46	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 13:46	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 13:46	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 13:46	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 13:46	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 13:46	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 13:46	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 13:46	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 13:46	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 13:46	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 13:46	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 13:46	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 13:46	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 13:46	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 13:46	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 13:46	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 13:46	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 13:46	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	100-42-5	
Tetrachloroethene	1.9	ug/L	1.0	0.50	1		11/14/14 13:46	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 13:46	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	108-88-3	
Trichloroethene	0.47J	ug/L	1.0	0.33	1		11/14/14 13:46	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 13:46	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 13:46	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 13:46	1330-20-7	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.26	1		11/14/14 13:46	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 13:46	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 13:46	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 13:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/14/14 13:46	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 13:46	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 13:46	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-31D Lab ID: 40107005017 Collected: 11/10/14 14:40 Received: 11/13/14 10:00 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		11/14/14 15:16	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 15:16	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 15:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 15:16	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 15:16	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 15:16	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 15:16	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 15:16	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 15:16	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 15:16	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 15:16	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 15:16	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 15:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 15:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 15:16	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 15:16	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 15:16	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 15:16	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 15:16	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 15:16	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 15:16	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 15:16	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 15:16	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 15:16	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 15:16	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:16	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 15:16	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 15:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/14/14 15:16	460-00-4	
Dibromofluoromethane (S)	105 %		70-130		1		11/14/14 15:16	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/14/14 15:16	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-311A **Lab ID: 40107005018** Collected: 11/10/14 14:41 Received: 11/13/14 10:00 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		11/14/14 15:38	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 15:38	79-00-5	
1,1-Dichloroethane	0.33J	ug/L	1.0	0.24	1		11/14/14 15:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 15:38	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 15:38	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 15:38	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 15:38	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 15:38	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 15:38	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 15:38	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 15:38	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 15:38	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 15:38	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 15:38	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 15:38	74-95-3	
Dichlorodifluoromethane	0.63J	ug/L	1.0	0.20	1		11/14/14 15:38	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 15:38	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 15:38	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 15:38	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	100-42-5	
Tetrachloroethene	3.5	ug/L	1.0	0.50	1		11/14/14 15:38	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 15:38	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.33	1		11/14/14 15:38	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 15:38	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 15:38	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 15:38	1330-20-7	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.26	1		11/14/14 15:38	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 15:38	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 15:38	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 15:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/14/14 15:38	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/14/14 15:38	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 15:38	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: **FIELD BLANK 2** Lab ID: **40107005019** Collected: 11/07/14 15:40 Received: 11/13/14 10:00 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		11/14/14 16:23	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 16:23	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 16:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 16:23	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 16:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 16:23	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:23	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 16:23	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 16:23	78-93-3	
Acetone	3.8J	ug/L	20.0	3.0	1		11/14/14 16:23	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 16:23	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 16:23	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 16:23	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 16:23	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 16:23	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 16:23	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 16:23	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 16:23	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 16:23	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 16:23	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 16:23	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:23	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 16:23	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 16:23	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:23	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:23	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:23	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 16:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/14/14 16:23	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/14/14 16:23	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/14/14 16:23	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-43D Lab ID: 40107005020 Collected: 11/06/14 11:53 Received: 11/13/14 10:00 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		11/14/14 14:08	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 14:08	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 14:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 14:08	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 14:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 14:08	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 14:08	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 14:08	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 14:08	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 14:08	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 14:08	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 14:08	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 14:08	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 14:08	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 14:08	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 14:08	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 14:08	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 14:08	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 14:08	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	100-42-5	
Tetrachloroethene	0.83J	ug/L	1.0	0.50	1		11/14/14 14:08	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 14:08	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 14:08	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 14:08	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 14:08	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 14:08	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 14:08	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:08	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 14:08	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 14:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89 %		59-130		1		11/14/14 14:08	460-00-4	
Dibromofluoromethane (S)	102 %		70-130		1		11/14/14 14:08	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 14:08	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-30D **Lab ID: 40107005021** Collected: 11/10/14 16:20 Received: 11/13/14 10:00 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		11/14/14 16:00	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 16:00	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 16:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 16:00	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 16:00	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 16:00	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:00	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 16:00	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 16:00	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 16:00	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 16:00	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 16:00	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 16:00	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 16:00	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 16:00	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 16:00	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 16:00	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 16:00	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 16:00	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 16:00	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 16:00	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:00	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 16:00	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 16:00	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:00	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:00	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:00	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 16:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/14/14 16:00	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 16:00	1868-53-7	
Toluene-d8 (S)	97 %		70-130		1		11/14/14 16:00	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-22S **Lab ID: 40107005022** Collected: 11/06/14 15:09 Received: 11/13/14 10:00 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		11/14/14 14:31	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 14:31	79-00-5	
1,1-Dichloroethane	0.33J	ug/L	1.0	0.24	1		11/14/14 14:31	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 14:31	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 14:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 14:31	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 14:31	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 14:31	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 14:31	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 14:31	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 14:31	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 14:31	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 14:31	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 14:31	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 14:31	74-95-3	
Dichlorodifluoromethane	1.1	ug/L	1.0	0.20	1		11/14/14 14:31	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 14:31	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 14:31	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 14:31	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	100-42-5	
Tetrachloroethene	4.2	ug/L	1.0	0.50	1		11/14/14 14:31	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 14:31	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	108-88-3	
Trichloroethene	1.0	ug/L	1.0	0.33	1		11/14/14 14:31	79-01-6	
Trichlorofluoromethane	0.35J	ug/L	1.0	0.17	1		11/14/14 14:31	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 14:31	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 14:31	1330-20-7	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.26	1		11/14/14 14:31	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:31	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 14:31	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 14:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/14/14 14:31	460-00-4	
Dibromofluoromethane (S)	102 %		70-130		1		11/14/14 14:31	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/14/14 14:31	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: P-27D Lab ID: 40107005023 Collected: 11/06/14 16:55 Received: 11/13/14 10:00 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		11/14/14 14:53	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 14:53	79-00-5	
1,1-Dichloroethane	0.88J	ug/L	1.0	0.24	1		11/14/14 14:53	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 14:53	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 14:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 14:53	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 14:53	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 14:53	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 14:53	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 14:53	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 14:53	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 14:53	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 14:53	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 14:53	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 14:53	74-95-3	
Dichlorodifluoromethane	0.93J	ug/L	1.0	0.20	1		11/14/14 14:53	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 14:53	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 14:53	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 14:53	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	100-42-5	
Tetrachloroethene	19.0	ug/L	1.0	0.50	1		11/14/14 14:53	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 14:53	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	108-88-3	
Trichloroethene	2.8	ug/L	1.0	0.33	1		11/14/14 14:53	79-01-6	
Trichlorofluoromethane	0.65J	ug/L	1.0	0.17	1		11/14/14 14:53	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 14:53	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 14:53	1330-20-7	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.26	1		11/14/14 14:53	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 14:53	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 14:53	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 14:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/14/14 14:53	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 14:53	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/14/14 14:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: **FIELD BLANK 3** Lab ID: **40107005024** Collected: 11/10/14 00:00 Received: 11/13/14 10:00 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		11/14/14 16:45	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 16:45	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 16:45	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 16:45	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 16:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 16:45	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:45	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 16:45	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 16:45	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 16:45	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 16:45	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 16:45	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 16:45	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 16:45	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 16:45	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 16:45	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 16:45	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 16:45	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 16:45	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 16:45	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 16:45	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 16:45	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 16:45	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 16:45	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:45	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 16:45	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 16:45	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 16:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/14/14 16:45	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/14/14 16:45	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 16:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RHL GW
Pace Project No.: 40107005

Sample: TRIP BLANK Lab ID: 40107005025 Collected: 11/10/14 00:00 Received: 11/13/14 10:00 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		11/14/14 17:08	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/14/14 17:08	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/14/14 17:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/14/14 17:08	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/14/14 17:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/14/14 17:08	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/14/14 17:08	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/14/14 17:08	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/14/14 17:08	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/14/14 17:08	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/14/14 17:08	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/14/14 17:08	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/14/14 17:08	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/14/14 17:08	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/14/14 17:08	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/14/14 17:08	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/14/14 17:08	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/14/14 17:08	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/14/14 17:08	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/14/14 17:08	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/14/14 17:08	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/14/14 17:08	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/14/14 17:08	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/14/14 17:08	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 17:08	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/14/14 17:08	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/14/14 17:08	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/14/14 17:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/14/14 17:08	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/14/14 17:08	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		11/14/14 17:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

QC Batch: MSV/29474 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40107005001, 40107005002, 40107005003, 40107005004, 40107005005, 40107005006, 40107005007, 40107005008, 40107005009, 40107005010, 40107005011

METHOD BLANK: 1850871 Matrix: Water
Associated Lab Samples: 40107005001, 40107005002, 40107005003, 40107005004, 40107005005, 40107005006, 40107005007, 40107005008, 40107005009, 40107005010, 40107005011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.17	0.50	11/23/14 19:49	
1,1,2-Trichloroethane	ug/L	<0.14	0.50	11/23/14 19:49	
1,1-Dichloroethane	ug/L	<0.087	0.50	11/23/14 19:49	
1,1-Dichloroethene	ug/L	<0.17	0.50	11/23/14 19:49	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	10.0	11/23/14 19:49	
1,2-Dibromoethane (EDB)	ug/L	<0.097	0.50	11/23/14 19:49	
1,2-Dichlorobenzene	ug/L	<0.082	0.50	11/23/14 19:49	
1,2-Dichloroethane	ug/L	<0.10	0.50	11/23/14 19:49	
1,2-Dichloropropane	ug/L	<0.10	4.0	11/23/14 19:49	
1,3-Dichlorobenzene	ug/L	<0.25	0.50	11/23/14 19:49	
1,4-Dichlorobenzene	ug/L	<0.25	0.50	11/23/14 19:49	
2-Butanone (MEK)	ug/L	<2.5	5.0	11/23/14 19:49	
Acetone	ug/L	<10.0	20.0	11/23/14 19:49	
Benzene	ug/L	<0.073	0.50	11/23/14 19:49	
Bromodichloromethane	ug/L	<0.11	0.50	11/23/14 19:49	
Bromoform	ug/L	<2.0	4.0	11/23/14 19:49	
Bromomethane	ug/L	<2.0	4.0	11/23/14 19:49	
Carbon disulfide	ug/L	<0.18	1.0	11/23/14 19:49	
Carbon tetrachloride	ug/L	<0.17	1.0	11/23/14 19:49	
Chlorobenzene	ug/L	<0.066	0.50	11/23/14 19:49	
Chloroethane	ug/L	<0.27	1.0	11/23/14 19:49	
Chloroform	ug/L	<0.20	0.50	11/23/14 19:49	
Chloromethane	ug/L	<0.34	4.0	11/23/14 19:49	
cis-1,2-Dichloroethene	ug/L	<0.11	0.50	11/23/14 19:49	
cis-1,3-Dichloropropene	ug/L	<0.093	0.50	11/23/14 19:49	
Dibromochloromethane	ug/L	<0.25	1.0	11/23/14 19:49	
Dibromomethane	ug/L	<0.25	0.50	11/23/14 19:49	
Dichlorodifluoromethane	ug/L	<0.50	1.0	11/23/14 19:49	
Ethylbenzene	ug/L	<0.096	0.50	11/23/14 19:49	
Methyl-tert-butyl ether	ug/L	<0.12	0.50	11/23/14 19:49	
Methylene Chloride	ug/L	<2.0	4.0	11/23/14 19:49	
Naphthalene	ug/L	<0.50	1.0	11/23/14 19:49	
Styrene	ug/L	<0.069	0.50	11/23/14 19:49	
Tetrachloroethene	ug/L	<0.12	0.50	11/23/14 19:49	
Tetrahydrofuran	ug/L	<0.98	10.0	11/23/14 19:49	
Toluene	ug/L	<0.11	0.50	11/23/14 19:49	
trans-1,2-Dichloroethene	ug/L	<0.15	0.50	11/23/14 19:49	
trans-1,3-Dichloropropene	ug/L	<0.25	0.50	11/23/14 19:49	
Trichloroethene	ug/L	<0.084	1.0	11/23/14 19:49	
Trichlorofluoromethane	ug/L	<0.12	0.50	11/23/14 19:49	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

METHOD BLANK: 1850871

Matrix: Water

Associated Lab Samples: 40107005001, 40107005002, 40107005003, 40107005004, 40107005005, 40107005006, 40107005007, 40107005008, 40107005009, 40107005010, 40107005011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.082	0.40	11/23/14 19:49	
Xylene (Total)	ug/L	<0.21	1.5	11/23/14 19:49	
1,2-Dichloroethane-d4 (S)	%.	101	75-125	11/23/14 19:49	
4-Bromofluorobenzene (S)	%.	101	75-125	11/23/14 19:49	
Toluene-d8 (S)	%.	99	75-125	11/23/14 19:49	

LABORATORY CONTROL SAMPLE: 1850872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	10	10.0	100	70-130	
1,1,2-Trichloroethane	ug/L	10	10.0	100	70-130	
1,1-Dichloroethane	ug/L	10	9.9	99	70-130	
1,1-Dichloroethene	ug/L	10	8.7	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	25	28.7	115	70-130	
1,2-Dibromoethane (EDB)	ug/L	10	10.9	109	70-130	
1,2-Dichlorobenzene	ug/L	10	10.9	109	70-130	
1,2-Dichloroethane	ug/L	10	9.9	99	70-130	
1,2-Dichloropropane	ug/L	10	10.7	107	70-130	
1,3-Dichlorobenzene	ug/L	10	10.9	109	70-130	
1,4-Dichlorobenzene	ug/L	10	10.6	106	70-130	
2-Butanone (MEK)	ug/L	50	54.7	109	70-130	
Acetone	ug/L	50	51.0	102	70-130	
Benzene	ug/L	10	11.0	110	70-130	
Bromodichloromethane	ug/L	10	10.2	102	70-130	
Bromoform	ug/L	10	10.8	108	70-130	
Bromomethane	ug/L	10	10.5	105	70-130	
Carbon disulfide	ug/L	10	8.0	80	70-130	
Carbon tetrachloride	ug/L	10	9.1	91	70-130	
Chlorobenzene	ug/L	10	10.8	108	70-130	
Chloroethane	ug/L	10	11.2	112	70-130	
Chloroform	ug/L	10	10.6	106	70-130	
Chloromethane	ug/L	10	11.3	113	70-130	
cis-1,2-Dichloroethene	ug/L	10	10.8	108	70-130	
cis-1,3-Dichloropropene	ug/L	10	9.9	99	70-130	
Dibromochloromethane	ug/L	10	10.6	106	70-130	
Dibromomethane	ug/L	10	10.2	102	70-130	
Dichlorodifluoromethane	ug/L	10	8.6	86	70-130	
Ethylbenzene	ug/L	10	9.7	97	70-130	
Methyl-tert-butyl ether	ug/L	10	10.4	104	70-130	
Methylene Chloride	ug/L	10	10.5	105	70-130	
Naphthalene	ug/L	10	10	100	70-130	
Styrene	ug/L	10	11.1	111	70-130	
Tetrachloroethene	ug/L	10	9.2	92	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

LABORATORY CONTROL SAMPLE: 1850872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrahydrofuran	ug/L	100	102	102	70-130	
Toluene	ug/L	10	10.3	103	70-130	
trans-1,2-Dichloroethene	ug/L	10	10	100	70-130	
trans-1,3-Dichloropropene	ug/L	10	10.2	102	70-130	
Trichloroethene	ug/L	10	10.1	101	70-130	
Trichlorofluoromethane	ug/L	10	11.5	115	70-130	
Vinyl chloride	ug/L	10	9.2	92	70-130	
Xylene (Total)	ug/L	30	30.4	101	70-130	
1,2-Dichloroethane-d4 (S)	%			102	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE SAMPLE: 1852828

Parameter	Units	40107005001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.17	20	23.0	115	70-130	
1,1,2-Trichloroethane	ug/L	<0.14	20	22.6	113	70-130	
1,1-Dichloroethane	ug/L	0.34J	20	21.1	104	70-130	
1,1-Dichloroethene	ug/L	<0.17	20	21.2	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	50	64.0	128	70-130	
1,2-Dibromoethane (EDB)	ug/L	<0.097	20	24.1	120	70-130	
1,2-Dichlorobenzene	ug/L	<0.082	20	24.3	122	70-130	
1,2-Dichloroethane	ug/L	<0.10	20	21.4	107	70-130	
1,2-Dichloropropane	ug/L	<0.10	20	23.0	115	70-130	
1,3-Dichlorobenzene	ug/L	<0.25	20	23.7	119	70-130	
1,4-Dichlorobenzene	ug/L	<0.25	20	23.4	117	70-130	
2-Butanone (MEK)	ug/L	<2.5	100	112	112	70-130	
Acetone	ug/L	<10.0	100	111	111	70-130	
Benzene	ug/L	<0.073	20	23.8	119	70-130	
Bromodichloromethane	ug/L	<0.11	20	22.1	110	70-130	
Bromoform	ug/L	<2.0	20	25.3	127	70-130	
Bromomethane	ug/L	<2.0	20	23.8	119	70-130	
Carbon disulfide	ug/L	<0.18	20	17.3	86	70-130	
Carbon tetrachloride	ug/L	<0.17	20	24.7	124	70-130	
Chlorobenzene	ug/L	<0.066	20	23.7	119	70-130	
Chloroethane	ug/L	<0.27	20	28.2	141	70-130 M1	
Chloroform	ug/L	<0.20	20	22.3	112	70-130	
Chloromethane	ug/L	<0.34	20	25.0	125	70-130	
cis-1,2-Dichloroethene	ug/L	1.9	20	23.9	110	70-130	
cis-1,3-Dichloropropene	ug/L	<0.093	20	20.3	102	70-130	
Dibromochloromethane	ug/L	<0.25	20	23.8	119	70-130	
Dibromomethane	ug/L	<0.25	20	21.4	107	70-130	
Dichlorodifluoromethane	ug/L	<0.50	20	23.8	117	70-130	
Ethylbenzene	ug/L	<0.096	20	21.7	109	70-130	
Methyl-tert-butyl ether	ug/L	<0.12	20	22.4	112	70-130	

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

MATRIX SPIKE SAMPLE: 1852828		40107005001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Methylene Chloride	ug/L	<2.0	20	21.2	106	70-130	
Naphthalene	ug/L	<0.50	20	20.9	104	70-130	
Styrene	ug/L	<0.069	20	24.3	122	70-130	
Tetrachloroethene	ug/L	3.4	20	25.8	112	70-130	
Tetrahydrofuran	ug/L	<0.98	200	229	115	70-130	
Toluene	ug/L	<0.11	20	22.9	114	70-130	
trans-1,2-Dichloroethene	ug/L	<0.15	20	21.2	106	70-130	
trans-1,3-Dichloropropene	ug/L	<0.25	20	21.9	110	70-130	
Trichloroethene	ug/L	0.76J	20	21.4	103	70-130	
Trichlorofluoromethane	ug/L	<0.12	20	33.7	169	70-130	M1
Vinyl chloride	ug/L	<0.082	20	23.3	116	70-130	
Xylene (Total)	ug/L	<0.21	60	68.0	113	70-130	
1,2-Dichloroethane-d4 (S)	%				106	75-125	
4-Bromofluorobenzene (S)	%				100	75-125	
Toluene-d8 (S)	%				104	75-125	

SAMPLE DUPLICATE: 1852829

Parameter	Units	40107005002	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1-Trichloroethane	ug/L	<0.17	<0.17		20	
1,1,2-Trichloroethane	ug/L	<0.14	<0.14		20	
1,1-Dichloroethane	ug/L	<0.087	<0.087		20	
1,1-Dichloroethene	ug/L	<0.17	<0.17		20	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	<2.0		20	
1,2-Dibromoethane (EDB)	ug/L	<0.097	<0.097		20	
1,2-Dichlorobenzene	ug/L	<0.082	<0.082		20	
1,2-Dichloroethane	ug/L	<0.10	<0.10		20	
1,2-Dichloropropane	ug/L	<0.10	<0.10		20	
1,3-Dichlorobenzene	ug/L	<0.25	<0.25		20	
1,4-Dichlorobenzene	ug/L	<0.25	<0.25		20	
2-Butanone (MEK)	ug/L	<2.5	<2.5		20	
Acetone	ug/L	<10.0	<10.0		20	
Benzene	ug/L	<0.073	<0.073		20	
Bromodichloromethane	ug/L	<0.11	<0.11		20	
Bromoform	ug/L	<2.0	<2.0		20	
Bromomethane	ug/L	<2.0	<2.0		20	
Carbon disulfide	ug/L	<0.18	<0.18		20	
Carbon tetrachloride	ug/L	<0.17	<0.17		20	
Chlorobenzene	ug/L	<0.066	<0.066		20	
Chloroethane	ug/L	<0.27	<0.27		20	
Chloroform	ug/L	<0.20	<0.20		20	
Chloromethane	ug/L	<0.34	<0.34		20	
cis-1,2-Dichloroethene	ug/L	<0.11	<0.11		20	
cis-1,3-Dichloropropene	ug/L	<0.093	<0.093		20	
Dibromochloromethane	ug/L	<0.25	<0.25		20	

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

SAMPLE DUPLICATE: 1852829

Parameter	Units	40107005002 Result	Dup Result	RPD	Max RPD	Qualifiers
Dibromomethane	ug/L	<0.25	<0.25		20	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	
Ethylbenzene	ug/L	<0.096	<0.096		20	
Methyl-tert-butyl ether	ug/L	<0.12	<0.12		20	
Methylene Chloride	ug/L	<2.0	<2.0		20	
Naphthalene	ug/L	<0.50	2.4		20	C8
Styrene	ug/L	<0.069	<0.069		20	
Tetrachloroethene	ug/L	<0.12	<0.12		20	
Tetrahydrofuran	ug/L	<0.98	<0.98		20	
Toluene	ug/L	<0.11	<0.11		20	
trans-1,2-Dichloroethene	ug/L	<0.15	<0.15		20	
trans-1,3-Dichloropropene	ug/L	<0.25	<0.25		20	
Trichloroethene	ug/L	<0.084	<0.084		20	
Trichlorofluoromethane	ug/L	<0.12	<0.12		20	
Vinyl chloride	ug/L	<0.082	<0.082		20	
Xylene (Total)	ug/L	<0.21	<0.21		20	
1,2-Dichloroethane-d4 (S)	%.	103	104	1		
4-Bromofluorobenzene (S)	%.	101	100	2		
Toluene-d8 (S)	%.	102	104	2		

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

QC Batch: MSV/26545 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40107005012, 40107005013, 40107005014, 40107005015, 40107005016, 40107005017, 40107005018, 40107005019, 40107005020, 40107005021, 40107005022, 40107005023, 40107005024, 40107005025

METHOD BLANK: 1082433 Matrix: Water
Associated Lab Samples: 40107005012, 40107005013, 40107005014, 40107005015, 40107005016, 40107005017, 40107005018, 40107005019, 40107005020, 40107005021, 40107005022, 40107005023, 40107005024, 40107005025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	11/14/14 07:18	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	11/14/14 07:18	
1,1-Dichloroethane	ug/L	<0.24	1.0	11/14/14 07:18	
1,1-Dichloroethene	ug/L	<0.41	1.0	11/14/14 07:18	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	11/14/14 07:18	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	11/14/14 07:18	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	11/14/14 07:18	
1,2-Dichloroethane	ug/L	<0.17	1.0	11/14/14 07:18	
1,2-Dichloropropane	ug/L	<0.23	1.0	11/14/14 07:18	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	11/14/14 07:18	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	11/14/14 07:18	
2-Butanone (MEK)	ug/L	<3.0	20.0	11/14/14 07:18	
Acetone	ug/L	<3.0	20.0	11/14/14 07:18	
Benzene	ug/L	<0.50	1.0	11/14/14 07:18	
Bromodichloromethane	ug/L	<0.50	1.0	11/14/14 07:18	
Bromoform	ug/L	<0.50	1.0	11/14/14 07:18	
Bromomethane	ug/L	<2.4	5.0	11/14/14 07:18	
Carbon disulfide	ug/L	<0.61	5.0	11/14/14 07:18	
Carbon tetrachloride	ug/L	<0.50	1.0	11/14/14 07:18	
Chlorobenzene	ug/L	<0.50	1.0	11/14/14 07:18	
Chloroethane	ug/L	<0.37	1.0	11/14/14 07:18	
Chloroform	ug/L	<2.5	5.0	11/14/14 07:18	
Chloromethane	ug/L	<0.50	1.0	11/14/14 07:18	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	11/14/14 07:18	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	11/14/14 07:18	
Dibromochloromethane	ug/L	<0.50	1.0	11/14/14 07:18	
Dibromomethane	ug/L	<0.43	1.0	11/14/14 07:18	
Dichlorodifluoromethane	ug/L	<0.20	1.0	11/14/14 07:18	
Ethylbenzene	ug/L	<0.50	1.0	11/14/14 07:18	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	11/14/14 07:18	
Methylene Chloride	ug/L	<0.23	1.0	11/14/14 07:18	
Naphthalene	ug/L	<2.5	5.0	11/14/14 07:18	
Styrene	ug/L	<0.50	1.0	11/14/14 07:18	
Tetrachloroethene	ug/L	<0.50	1.0	11/14/14 07:18	
Tetrahydrofuran	ug/L	<2.0	5.0	11/14/14 07:18	
Toluene	ug/L	<0.50	1.0	11/14/14 07:18	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	11/14/14 07:18	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	11/14/14 07:18	
Trichloroethene	ug/L	<0.33	1.0	11/14/14 07:18	
Trichlorofluoromethane	ug/L	<0.17	1.0	11/14/14 07:18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

METHOD BLANK: 1082433

Matrix: Water

Associated Lab Samples: 40107005012, 40107005013, 40107005014, 40107005015, 40107005016, 40107005017, 40107005018, 40107005019, 40107005020, 40107005021, 40107005022, 40107005023, 40107005024, 40107005025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.18	1.0	11/14/14 07:18	
Xylene (Total)	ug/L	<1.5	3.0	11/14/14 07:18	
4-Bromofluorobenzene (S)	%	90	59-130	11/14/14 07:18	
Dibromofluoromethane (S)	%	104	70-130	11/14/14 07:18	
Toluene-d8 (S)	%	99	70-130	11/14/14 07:18	

LABORATORY CONTROL SAMPLE & LCSD: 1082434

1082435

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	62.0	59.5	124	119	70-130	4	20	
1,1,2-Trichloroethane	ug/L	50	52.8	53.6	106	107	70-130	2	20	
1,1-Dichloroethane	ug/L	50	58.5	56.2	117	112	70-130	4	20	
1,1-Dichloroethene	ug/L	50	59.8	56.3	120	113	70-132	6	20	
1,2-Dibromo-3-chloropropane	ug/L	50	48.5	50.1	97	100	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	55.3	106	111	70-130	5	20	
1,2-Dichlorobenzene	ug/L	50	51.3	51.0	103	102	70-130	0	20	
1,2-Dichloroethane	ug/L	50	57.9	56.4	116	113	70-130	3	20	
1,2-Dichloropropane	ug/L	50	54.0	55.0	108	110	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	52.2	51.0	104	102	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	50.2	48.8	100	98	70-130	3	20	
Benzene	ug/L	50	57.0	54.7	114	109	70-130	4	20	
Bromodichloromethane	ug/L	50	55.0	54.5	110	109	70-130	1	20	
Bromoform	ug/L	50	49.2	51.0	98	102	70-130	4	20	
Bromomethane	ug/L	50	23.8	22.4	48	45	34-157	6	20	
Carbon disulfide	ug/L	50	60.8	57.8	122	116	70-137	5	20	
Carbon tetrachloride	ug/L	50	63.8	61.8	128	124	70-132	3	20	
Chlorobenzene	ug/L	50	53.2	52.2	106	104	70-130	2	20	
Chloroethane	ug/L	50	58.8	51.3	118	103	60-143	14	20	
Chloroform	ug/L	50	55.5	53.1	111	106	70-130	4	20	
Chloromethane	ug/L	50	47.6	41.5	95	83	43-148	14	20	
cis-1,2-Dichloroethene	ug/L	50	56.8	54.2	114	108	51-133	5	20	
cis-1,3-Dichloropropene	ug/L	50	49.8	48.2	100	96	70-130	3	20	
Dibromochloromethane	ug/L	50	55.7	55.6	111	111	70-130	0	20	
Dichlorodifluoromethane	ug/L	50	60.1	56.6	120	113	10-174	6	20	
Ethylbenzene	ug/L	50	58.1	56.8	116	114	70-130	2	20	
Methyl-tert-butyl ether	ug/L	50	57.9	56.8	116	114	54-139	2	20	
Methylene Chloride	ug/L	50	54.8	51.2	110	102	70-130	7	20	
Styrene	ug/L	50	52.6	50.5	105	101	70-130	4	20	
Tetrachloroethene	ug/L	50	55.4	53.5	111	107	70-130	4	20	
Toluene	ug/L	50	56.1	54.6	112	109	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	57.6	55.2	115	110	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	50	50.1	49.5	100	99	70-130	1	20	
Trichloroethene	ug/L	50	56.8	54.2	114	108	70-130	5	20	

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

LABORATORY CONTROL SAMPLE & LCSD:		1082434		1082435							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Trichlorofluoromethane	ug/L	50	61.5	58.4	123	117	50-150	5	20		
Vinyl chloride	ug/L	50	55.5	50.1	111	100	59-157	10	20		
Xylene (Total)	ug/L	150	170	162	113	108	70-130	5	20		
4-Bromofluorobenzene (S)	%				104	103	59-130				
Dibromofluoromethane (S)	%				103	101	70-130				
Toluene-d8 (S)	%				97	99	70-130				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1082540		1082541								
Parameter	Units	40107005014 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	61.2	61.4	122	123	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	54.4	52.9	109	106	70-130	3	20	
1,1-Dichloroethane	ug/L	0.31J	50	50	57.5	57.6	114	114	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	57.8	57.7	116	115	70-138	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	53.1	48.6	106	97	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	56.3	54.2	113	108	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.0	51.9	104	104	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	57.6	56.7	115	113	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	57.2	57.3	114	115	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.8	51.7	102	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.0	50.8	100	102	70-130	2	20	
Benzene	ug/L	<0.50	50	50	56.7	56.0	113	112	70-130	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.3	56.1	111	112	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	52.0	50.6	104	101	70-130	3	20	
Bromomethane	ug/L	<2.4	50	50	28.2	33.2	56	66	34-159	16	20	
Carbon disulfide	ug/L	<0.61	50	50	59.8	59.5	120	119	68-142	0	25	
Carbon tetrachloride	ug/L	<0.50	50	50	63.7	63.5	127	127	70-132	0	20	
Chlorobenzene	ug/L	<0.50	50	50	53.2	54.7	106	109	70-130	3	20	
Chloroethane	ug/L	<0.37	50	50	52.2	54.3	104	109	60-143	4	20	
Chloroform	ug/L	<2.5	50	50	54.3	54.3	109	109	70-130	0	20	
Chloromethane	ug/L	<0.50	50	50	43.2	44.5	86	89	43-149	3	20	
cis-1,2-Dichloroethene	ug/L	1.7	50	50	56.9	56.9	110	110	48-137	0	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50.4	50.1	101	100	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	57.3	55.2	115	110	70-130	4	20	
Dichlorodifluoromethane	ug/L	0.73J	50	50	57.2	56.7	113	112	10-174	1	20	
Ethylbenzene	ug/L	<0.50	50	50	57.9	59.2	116	118	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	58.5	56.2	117	112	54-139	4	20	
Methylene Chloride	ug/L	<0.23	50	50	52.8	53.6	106	107	70-133	1	20	
Styrene	ug/L	<0.50	50	50	52.2	53.8	104	108	70-130	3	20	
Tetrachloroethene	ug/L	3.5	50	50	58.9	58.1	111	109	70-130	1	20	
Toluene	ug/L	<0.50	50	50	55.5	56.2	111	112	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	58.0	57.4	116	115	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	51.0	50.5	102	101	70-130	1	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL GW
Pace Project No.: 40107005

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1082540		1082541		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40107005014 Result	MS Spike Conc.	MSD Spike Conc.									
Trichloroethene	ug/L	0.97J	50	50	58.5	58.9	115	116	70-130	1	20		
Trichlorofluoromethane	ug/L	<0.17	50	50	59.1	59.2	118	118	50-150	0	20		
Vinyl chloride	ug/L	<0.18	50	50	52.3	53.3	105	107	59-158	2	20		
Xylene (Total)	ug/L	<1.5	150	150	167	172	111	114	70-132	3	20		
4-Bromofluorobenzene (S)	%						103	105	59-130				
Dibromofluoromethane (S)	%						102	101	70-130				
Toluene-d8 (S)	%						98	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

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QUALIFIERS

Project: RHL GW
Pace Project No.: 40107005

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

ANALYTE QUALIFIERS

C8 Result may be biased high due to carryover from previously analyzed sample.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RHL GW
Pace Project No.: 40107005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40107005001	7750 USH 14	EPA 524.2	MSV/29474		
40107005002	4310 FAWN CT	EPA 524.2	MSV/29474		
40107005003	4314 FAWN CT	EPA 524.2	MSV/29474		
40107005004	7785 LOW RD	EPA 524.2	MSV/29474		
40107005005	7911 DEER RUN	EPA 524.2	MSV/29474		
40107005006	7734 USH 14	EPA 524.2	MSV/29474		
40107005007	7262 SCHNEIDER	EPA 524.2	MSV/29474		
40107005008	7892 DEER RUN	EPA 524.2	MSV/29474		
40107005009	7873 DEER RUN	EPA 524.2	MSV/29474		
40107005010	FIELD BLANK 4	EPA 524.2	MSV/29474		
40107005011	7785 LOW RD DUP	EPA 524.2	MSV/29474		
40107005012	P-30D DUP	EPA 8260	MSV/26545		
40107005013	P-23D	EPA 8260	MSV/26545		
40107005014	P-31IB	EPA 8260	MSV/26545		
40107005015	P-23S	EPA 8260	MSV/26545		
40107005016	P-22D	EPA 8260	MSV/26545		
40107005017	P-31D	EPA 8260	MSV/26545		
40107005018	P-31IA	EPA 8260	MSV/26545		
40107005019	FIELD BLANK 2	EPA 8260	MSV/26545		
40107005020	P-43D	EPA 8260	MSV/26545		
40107005021	P-30D	EPA 8260	MSV/26545		
40107005022	P-22S	EPA 8260	MSV/26545		
40107005023	P-27D	EPA 8260	MSV/26545		
40107005024	FIELD BLANK 3	EPA 8260	MSV/26545		
40107005025	TRIP BLANK	EPA 8260	MSV/26545		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

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



www.pacestatus.com

CHAIN OF CUSTODY

40107005

Company Name: LRB
Branch/Location: Madison, WI
Project Contact: Jennifer Shelton
Phone:
Project Number:
Project Name: KHL GW
Project State: WI
Sampled By (Print): Charles Burgess
Sampled By (Sign): *[Signature]*
PO #:
Regulatory Program:

Filtered? (YES/NO)
Preservation (Code):
 A=None B=HCl C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Y/N	Pick Letter	Matrix
N	B	VOCs 524.2
N	B	VOC 8260

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

PAGE LAB #	CLIENT FIELD ID	DATE	COLLECTION TIME	MATRIX
001	7750 USH14	11-11-14	1500	DW
002	4310 FAWN CT	11-11-14	1350	DW
003	4314 FAWN CT	11-11-14	1414	DW
004	7785 LOW RD	"	1535	DW
005	7911 DEER RUN	"	1231	"
006	7734 USH 14	"	1514	"
007	7262 SCHWEIDER	"	1442	"
008	7892 DEER RUN	"	1302	"
009	7873 DEER RUN	"	1333	"
010	FBA	"	1545	"
011	DUP4	"	"	"
012	DUP3	11-10-14	"	GW

Analyses Requested

Y/N	Pick Letter	Matrix
X	B	VOCs 524.2
X	B	VOC 8260

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approvals/surcharge)
Date Needed:
Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>[Signature]</i>	11-12-14 1200	<i>[Signature]</i>	
<i>[Signature]</i>	11-13-14 1000	Searchwulpeus	11/13/14 1000

Quote #:
Mail To Contact:
Mail To Company:
Mail To Address:
Invoice To Contact: Jennifer Shelton
Invoice To Company: LRB
Invoice To Address: 6409 Blair Rd, #11 Madison, WI, 53719
Invoice To Phone:
CLIENT COMMENTS:
LAB COMMENTS (Lab Use Only): 3-40MLV3
Profile #:

Receipt Temp = 20.1 °C
Sample Receipt pH
OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

(Please Print Clearly)

Company Name: **LBG**
 Branch/Location: **Madison, WI**
 Project Contact: **Jennifer Shelton**
 Phone: _____
 Project Number: _____
 Project Name: **Refuge/Hedway GW**
 Project State: **WI**
 Sampled By (Print): **Charles Burgess**
 Sampled By (Sign): _____
 PO #: _____
 Regulatory Program: _____



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

FILTERED?
(YES/NO)
PRESERVATION
(CODE)*

PAGE LAB #	CLIENT FIELD ID	DATE	TIME	MATRIX	Analyses Requested	Y/N	Pick Label
013	P23D	11-5-14	1523	GW	YOC 8260	X	
014	P31EB	11-10-14	1541	GW		X	
015	P23S	11-5-14	1603			X	
016	P2AD	11-6-14	1602			X	
017	P31D	11-10-14	1440			X	
018	P31IA	11-10-14	1441			X	
019	FB2	11-7-14	1540			X	
020	P43D	11-6-14	1153			X	
021	P30D	11-10-14	1620			X	
022	P2AS	11-6-14	1509			X	
023	P27D	11	1655			X	
024	FB3	11-10-14	-			X	
025	TOP BLANK						

Quote #: _____
 Mail To Contact: **Jennifer Shelton**
 Mail To Company: **LBG**
 Mail To Address: **6409 Odessa Rd, # Madison, WI, 53719**
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): **3-4DM1VB**
 Profile #: _____

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

Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. **46107005**
 Receipt Temp = **RO1** °C
 Sample Receipt pH _____
 Cooler Custody Seal Present (Not Present) Intact / Not Intact

CO19a(27 Jun 2006)

* added to CCE by lab. 11/13/14 stw

ORIGINAL

Sample Condition Upon Receipt

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



Project #: **WO# : 40107005**

Client Name: LBG

Courier: Fed Ex UPS Client Pace Other: _____
Tracking #: 8059 4127 6042



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: R0 /Corr: _____ Biological Tissue is Frozen: yes

Temp Blank Present: yes no no

Person examining contents:
Date: 11/13/14
Initials: SAW

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:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10. <u>019 (2 vials), 022 (1 vial), 024 (2 vials) arrived broken</u>
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <input checked="" type="checkbox"/> O&G, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>003, 022, 023 (1 vial); 016, 020 (2 vials)</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>102014-3CCL</u>		

11/13/14 SAW

11/13/14 SAW

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____
Comments/ Resolution: broken vials were all bubble bagged and cooler was lined with bubble wrap. 11/13/14 SAW

Project Manager Review: AMH for DM Date: 11/13/14

November 20, 2014

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

RE: Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

Dear Jennifer Shelton:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2014. 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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

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

New York Certification #: 11888

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

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SAMPLE SUMMARY

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40107162001	P-27S	Water	11/13/14 10:37	11/15/14 09:45
40107162002	P-27S DUP	Water	11/13/14 00:00	11/15/14 09:45
40107162003	P-17S	Water	11/13/14 11:37	11/15/14 09:45
40107162004	P-26S	Water	11/13/14 11:36	11/15/14 09:45
40107162005	FIELD BLANK 1	Water	11/14/14 10:00	11/15/14 09:45
40107162006	P-20SR	Water	11/13/14 13:25	11/15/14 09:45
40107162007	P-25D	Water	11/13/14 14:15	11/15/14 09:45
40107162008	P-18S	Water	11/13/14 14:28	11/15/14 09:45
40107162009	TRIP BLANK	Water	11/13/14 00:00	11/15/14 09:45

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SAMPLE ANALYTE COUNT

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40107162001	P-27S	EPA 8260	LAP	45
40107162002	P-27S DUP	EPA 8260	LAP	45
40107162003	P-17S	EPA 8260	LAP	45
40107162004	P-26S	EPA 8260	LAP	45
40107162005	FIELD BLANK 1	EPA 8260	LAP	45
40107162006	P-20SR	EPA 8260	LAP	45
40107162007	P-25D	EPA 8260	LAP	45
40107162008	P-18S	EPA 8260	LAP	45
40107162009	TRIP BLANK	EPA 8260	LAP	45

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SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40107162001	P-27S					
EPA 8260	Dichlorodifluoromethane	0.31J	ug/L	1.0	11/19/14 09:41	
EPA 8260	Tetrachloroethene	4.0	ug/L	1.0	11/19/14 09:41	
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	11/19/14 09:41	
EPA 8260	Trichlorofluoromethane	0.18J	ug/L	1.0	11/19/14 09:41	
40107162002	P-27S DUP					
EPA 8260	Dichlorodifluoromethane	0.34J	ug/L	1.0	11/19/14 10:03	
EPA 8260	Tetrachloroethene	4.2	ug/L	1.0	11/19/14 10:03	
EPA 8260	Trichloroethene	0.51J	ug/L	1.0	11/19/14 10:03	
40107162003	P-17S					
EPA 8260	1,1-Dichloroethane	0.81J	ug/L	1.0	11/19/14 10:26	
EPA 8260	1,2-Dichloropropane	0.26J	ug/L	1.0	11/19/14 10:26	
EPA 8260	Tetrachloroethene	3.8	ug/L	1.0	11/19/14 10:26	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	11/19/14 10:26	
EPA 8260	Vinyl chloride	0.33J	ug/L	1.0	11/19/14 10:26	
EPA 8260	cis-1,2-Dichloroethene	11.9	ug/L	1.0	11/19/14 10:26	
40107162004	P-26S					
EPA 8260	Tetrachloroethene	0.64J	ug/L	1.0	11/19/14 10:49	
40107162006	P-20SR					
EPA 8260	Dichlorodifluoromethane	0.42J	ug/L	1.0	11/19/14 11:11	
EPA 8260	Tetrachloroethene	1.7	ug/L	1.0	11/19/14 11:11	
40107162007	P-25D					
EPA 8260	cis-1,2-Dichloroethene	0.30J	ug/L	1.0	11/19/14 11:33	
40107162008	P-18S					
EPA 8260	Dichlorodifluoromethane	0.75J	ug/L	1.0	11/19/14 11:56	
EPA 8260	Tetrachloroethene	8.6	ug/L	1.0	11/19/14 11:56	
EPA 8260	Trichloroethene	0.92J	ug/L	1.0	11/19/14 11:56	
EPA 8260	Trichlorofluoromethane	<0.17	ug/L	1.0	11/19/14 11:56	
EPA 8260	cis-1,2-Dichloroethene	0.47J	ug/L	1.0	11/19/14 11:56	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

Sample: P-27S Lab ID: 40107162001 Collected: 11/13/14 10:37 Received: 11/15/14 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		11/19/14 09:41	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 09:41	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 09:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 09:41	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 09:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 09:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 09:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 09:41	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 09:41	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 09:41	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 09:41	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 09:41	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 09:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 09:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 09:41	74-95-3	
Dichlorodifluoromethane	0.31J	ug/L	1.0	0.20	1		11/19/14 09:41	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 09:41	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 09:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 09:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	100-42-5	
Tetrachloroethene	4.0	ug/L	1.0	0.50	1		11/19/14 09:41	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 09:41	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	108-88-3	
Trichloroethene	0.52J	ug/L	1.0	0.33	1		11/19/14 09:41	79-01-6	
Trichlorofluoromethane	0.18J	ug/L	1.0	0.17	1		11/19/14 09:41	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 09:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 09:41	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 09:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 09:41	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 09:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 09:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/19/14 09:41	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 09:41	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/19/14 09:41	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: P-27S DUP Lab ID: 40107162002 Collected: 11/13/14 00:00 Received: 11/15/14 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		11/19/14 10:03	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 10:03	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 10:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 10:03	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 10:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 10:03	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:03	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 10:03	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 10:03	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 10:03	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 10:03	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 10:03	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 10:03	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 10:03	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 10:03	74-95-3	
Dichlorodifluoromethane	0.34J	ug/L	1.0	0.20	1		11/19/14 10:03	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 10:03	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 10:03	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 10:03	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	100-42-5	
Tetrachloroethene	4.2	ug/L	1.0	0.50	1		11/19/14 10:03	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 10:03	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	108-88-3	
Trichloroethene	0.51J	ug/L	1.0	0.33	1		11/19/14 10:03	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:03	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 10:03	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 10:03	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 10:03	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:03	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 10:03	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 10:03	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 10:03	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/19/14 10:03	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/19/14 10:03	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: P-17S **Lab ID: 40107162003** Collected: 11/13/14 11:37 Received: 11/15/14 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		11/19/14 10:26	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 10:26	79-00-5	
1,1-Dichloroethane	0.81J	ug/L	1.0	0.24	1		11/19/14 10:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 10:26	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 10:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 10:26	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:26	107-06-2	
1,2-Dichloropropane	0.26J	ug/L	1.0	0.23	1		11/19/14 10:26	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 10:26	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 10:26	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 10:26	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 10:26	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 10:26	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 10:26	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 10:26	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 10:26	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 10:26	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 10:26	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 10:26	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	100-42-5	
Tetrachloroethene	3.8	ug/L	1.0	0.50	1		11/19/14 10:26	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 10:26	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	108-88-3	
Trichloroethene	2.0	ug/L	1.0	0.33	1		11/19/14 10:26	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:26	75-69-4	
Vinyl chloride	0.33J	ug/L	1.0	0.18	1		11/19/14 10:26	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 10:26	1330-20-7	
cis-1,2-Dichloroethene	11.9	ug/L	1.0	0.26	1		11/19/14 10:26	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:26	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 10:26	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 10:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 10:26	460-00-4	
Dibromofluoromethane (S)	102 %		70-130		1		11/19/14 10:26	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/19/14 10:26	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

Sample: P-26S Lab ID: 40107162004 Collected: 11/13/14 11:36 Received: 11/15/14 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		11/19/14 10:49	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 10:49	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 10:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 10:49	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 10:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 10:49	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:49	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 10:49	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 10:49	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 10:49	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 10:49	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 10:49	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 10:49	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 10:49	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 10:49	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 10:49	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 10:49	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 10:49	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 10:49	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	100-42-5	
Tetrachloroethene	0.64J	ug/L	1.0	0.50	1		11/19/14 10:49	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 10:49	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 10:49	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 10:49	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 10:49	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 10:49	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 10:49	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 10:49	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 10:49	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 10:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/19/14 10:49	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/19/14 10:49	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1		11/19/14 10:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: **FIELD BLANK 1** Lab ID: **40107162005** Collected: 11/14/14 10:00 Received: 11/15/14 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		11/19/14 15:18	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 15:18	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 15:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 15:18	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 15:18	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 15:18	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 15:18	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 15:18	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 15:18	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 15:18	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 15:18	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 15:18	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 15:18	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 15:18	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 15:18	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 15:18	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 15:18	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 15:18	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 15:18	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 15:18	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 15:18	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 15:18	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 15:18	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 15:18	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 15:18	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:18	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 15:18	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 15:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 15:18	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 15:18	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1		11/19/14 15:18	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: P-20SR **Lab ID: 40107162006** Collected: 11/13/14 13:25 Received: 11/15/14 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		11/19/14 11:11	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 11:11	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 11:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 11:11	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 11:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 11:11	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:11	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 11:11	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 11:11	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 11:11	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 11:11	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 11:11	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 11:11	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 11:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 11:11	74-95-3	
Dichlorodifluoromethane	0.42J	ug/L	1.0	0.20	1		11/19/14 11:11	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 11:11	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 11:11	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 11:11	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	100-42-5	
Tetrachloroethene	1.7	ug/L	1.0	0.50	1		11/19/14 11:11	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 11:11	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 11:11	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:11	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 11:11	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 11:11	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 11:11	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:11	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 11:11	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 11:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 11:11	460-00-4	
Dibromofluoromethane (S)	101 %		70-130		1		11/19/14 11:11	1868-53-7	
Toluene-d8 (S)	102 %		70-130		1		11/19/14 11:11	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

Sample: P-25D Lab ID: 40107162007 Collected: 11/13/14 14:15 Received: 11/15/14 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		11/19/14 11:33	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 11:33	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 11:33	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 11:33	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 11:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 11:33	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:33	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 11:33	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 11:33	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 11:33	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 11:33	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 11:33	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 11:33	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 11:33	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 11:33	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 11:33	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 11:33	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 11:33	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 11:33	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 11:33	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 11:33	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:33	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 11:33	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 11:33	1330-20-7	
cis-1,2-Dichloroethene	0.30J	ug/L	1.0	0.26	1		11/19/14 11:33	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:33	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 11:33	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 11:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		11/19/14 11:33	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 11:33	1868-53-7	
Toluene-d8 (S)	102 %		70-130		1		11/19/14 11:33	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: P-18S Lab ID: 40107162008 Collected: 11/13/14 14:28 Received: 11/15/14 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		11/19/14 11:56	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 11:56	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 11:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 11:56	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 11:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 11:56	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:56	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 11:56	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 11:56	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 11:56	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 11:56	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 11:56	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 11:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 11:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 11:56	74-95-3	
Dichlorodifluoromethane	0.75J	ug/L	1.0	0.20	1		11/19/14 11:56	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 11:56	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 11:56	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 11:56	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	100-42-5	
Tetrachloroethene	8.6	ug/L	1.0	0.50	1		11/19/14 11:56	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 11:56	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	108-88-3	
Trichloroethene	0.92J	ug/L	1.0	0.33	1		11/19/14 11:56	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 11:56	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 11:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 11:56	1330-20-7	
cis-1,2-Dichloroethene	0.47J	ug/L	1.0	0.26	1		11/19/14 11:56	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 11:56	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 11:56	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 11:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 11:56	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 11:56	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		11/19/14 11:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Sample: TRIP BLANK **Lab ID: 40107162009** Collected: 11/13/14 00:00 Received: 11/15/14 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		11/19/14 15:41	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 15:41	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 15:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 15:41	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 15:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 15:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 15:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 15:41	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 15:41	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 15:41	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 15:41	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 15:41	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 15:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 15:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 15:41	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 15:41	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 15:41	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 15:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 15:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 15:41	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 15:41	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 15:41	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 15:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 15:41	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 15:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 15:41	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 15:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 15:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89 %		59-130		1		11/19/14 15:41	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/19/14 15:41	1868-53-7	
Toluene-d8 (S)	102 %		70-130		1		11/19/14 15:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

QC Batch: MSV/26575

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 40107162001, 40107162002, 40107162003, 40107162004, 40107162005, 40107162006, 40107162007, 40107162008, 40107162009

METHOD BLANK: 1083834

Matrix: Water

Associated Lab Samples: 40107162001, 40107162002, 40107162003, 40107162004, 40107162005, 40107162006, 40107162007, 40107162008, 40107162009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	11/19/14 06:41	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	11/19/14 06:41	
1,1-Dichloroethane	ug/L	<0.24	1.0	11/19/14 06:41	
1,1-Dichloroethene	ug/L	<0.41	1.0	11/19/14 06:41	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	11/19/14 06:41	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	11/19/14 06:41	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
1,2-Dichloroethane	ug/L	<0.17	1.0	11/19/14 06:41	
1,2-Dichloropropane	ug/L	<0.23	1.0	11/19/14 06:41	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
2-Butanone (MEK)	ug/L	<3.0	20.0	11/19/14 06:41	
Acetone	ug/L	<3.0	20.0	11/19/14 06:41	
Benzene	ug/L	<0.50	1.0	11/19/14 06:41	
Bromodichloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
Bromoform	ug/L	<0.50	1.0	11/19/14 06:41	
Bromomethane	ug/L	<2.4	5.0	11/19/14 06:41	
Carbon disulfide	ug/L	<0.61	5.0	11/19/14 06:41	
Carbon tetrachloride	ug/L	<0.50	1.0	11/19/14 06:41	
Chlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
Chloroethane	ug/L	<0.37	1.0	11/19/14 06:41	
Chloroform	ug/L	<2.5	5.0	11/19/14 06:41	
Chloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	11/19/14 06:41	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	11/19/14 06:41	
Dibromochloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
Dibromomethane	ug/L	<0.43	1.0	11/19/14 06:41	
Dichlorodifluoromethane	ug/L	<0.20	1.0	11/19/14 06:41	
Ethylbenzene	ug/L	<0.50	1.0	11/19/14 06:41	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	11/19/14 06:41	
Methylene Chloride	ug/L	<0.23	1.0	11/19/14 06:41	
Naphthalene	ug/L	<2.5	5.0	11/19/14 06:41	
Styrene	ug/L	<0.50	1.0	11/19/14 06:41	
Tetrachloroethene	ug/L	<0.50	1.0	11/19/14 06:41	
Tetrahydrofuran	ug/L	<2.0	5.0	11/19/14 06:41	
Toluene	ug/L	<0.50	1.0	11/19/14 06:41	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	11/19/14 06:41	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	11/19/14 06:41	
Trichloroethene	ug/L	<0.33	1.0	11/19/14 06:41	
Trichlorofluoromethane	ug/L	<0.17	1.0	11/19/14 06:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW
Pace Project No.: 40107162

METHOD BLANK: 1083834 Matrix: Water
Associated Lab Samples: 40107162001, 40107162002, 40107162003, 40107162004, 40107162005, 40107162006, 40107162007, 40107162008, 40107162009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.18	1.0	11/19/14 06:41	
Xylene (Total)	ug/L	<1.5	3.0	11/19/14 06:41	
4-Bromofluorobenzene (S)	%	91	59-130	11/19/14 06:41	
Dibromofluoromethane (S)	%	100	70-130	11/19/14 06:41	
Toluene-d8 (S)	%	101	70-130	11/19/14 06:41	

LABORATORY CONTROL SAMPLE & LCSD: 1083835

Parameter	Units	1083836							Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD		
1,1,1-Trichloroethane	ug/L	50	57.5	58.1	115	116	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	55.6	53.6	111	107	70-130	4	20	
1,1-Dichloroethane	ug/L	50	58.0	58.4	116	117	70-130	1	20	
1,1-Dichloroethene	ug/L	50	57.9	59.6	116	119	70-132	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	43.4	95	87	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	53.6	112	107	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	52.3	51.3	105	103	70-130	2	20	
1,2-Dichloroethane	ug/L	50	53.9	53.6	108	107	70-130	0	20	
1,2-Dichloropropane	ug/L	50	59.5	59.4	119	119	70-130	0	20	
1,3-Dichlorobenzene	ug/L	50	52.2	51.4	104	103	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	50.7	49.8	101	100	70-130	2	20	
Benzene	ug/L	50	59.1	59.3	118	119	70-130	0	20	
Bromodichloromethane	ug/L	50	52.5	53.3	105	107	70-130	1	20	
Bromoform	ug/L	50	47.4	45.2	95	90	70-130	5	20	
Bromomethane	ug/L	50	21.1	27.8	42	56	34-157	27	20	R1
Carbon disulfide	ug/L	50	61.2	60.7	122	121	70-137	1	20	
Carbon tetrachloride	ug/L	50	59.3	60.2	119	120	70-132	1	20	
Chlorobenzene	ug/L	50	53.1	52.9	106	106	70-130	0	20	
Chloroethane	ug/L	50	54.6	56.2	109	112	60-143	3	20	
Chloroform	ug/L	50	53.9	54.1	108	108	70-130	0	20	
Chloromethane	ug/L	50	45.5	49.2	91	98	43-148	8	20	
cis-1,2-Dichloroethene	ug/L	50	56.5	56.9	113	114	51-133	1	20	
cis-1,3-Dichloropropene	ug/L	50	49.0	49.6	98	99	70-130	1	20	
Dibromochloromethane	ug/L	50	54.5	53.1	109	106	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	50.3	52.6	101	105	10-174	4	20	
Ethylbenzene	ug/L	50	58.9	59.3	118	119	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	56.1	55.5	112	111	54-139	1	20	
Methylene Chloride	ug/L	50	54.7	55.0	109	110	70-130	1	20	
Styrene	ug/L	50	51.8	51.8	104	104	70-130	0	20	
Tetrachloroethene	ug/L	50	53.9	53.6	108	107	70-130	0	20	
Toluene	ug/L	50	57.2	56.8	114	114	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	58.4	59.2	117	118	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	48.6	48.1	97	96	70-130	1	20	
Trichloroethene	ug/L	50	57.4	57.3	115	115	70-130	0	20	

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

LABORATORY CONTROL SAMPLE & LCSD:		1083835		1083836							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Trichlorofluoromethane	ug/L	50	54.5	54.7	109	109	50-150	0	20		
Vinyl chloride	ug/L	50	57.9	61.3	116	123	59-157	6	20		
Xylene (Total)	ug/L	150	166	167	110	111	70-130	1	20		
4-Bromofluorobenzene (S)	%				104	105	59-130				
Dibromofluoromethane (S)	%				100	102	70-130				
Toluene-d8 (S)	%				100	99	70-130				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1084431		1084432									
Parameter	Units	40107146012		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD			
1,1,1-Trichloroethane	ug/L	<0.50	50	50	50	58.2	58.5	116	117	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	50	53.8	54.6	108	109	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	50	58.6	58.4	117	117	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	50	59.5	58.6	119	117	70-138	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50	48.7	47.5	97	95	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	50	54.2	54.1	108	108	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	50	52.9	52.0	106	104	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	50	53.4	53.5	107	107	70-130	0	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50	59.3	59.1	119	118	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50	53.7	52.2	107	104	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50	50.9	50.4	102	101	70-130	1	20	
Benzene	ug/L	<0.50	50	50	50	58.8	58.8	118	118	70-130	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	50	52.8	52.9	106	106	70-130	0	20	
Bromoform	ug/L	<0.50	50	50	50	45.2	45.9	90	92	70-130	2	20	
Bromomethane	ug/L	<2.4	50	50	50	28.7	28.8	57	58	34-159	0	20	
Carbon disulfide	ug/L	<0.61	50	50	50	61.1	61.1	122	122	68-142	0	25	
Carbon tetrachloride	ug/L	<0.50	50	50	50	60.4	60.1	121	120	70-132	1	20	
Chlorobenzene	ug/L	<0.50	50	50	50	52.9	53.2	106	106	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	50	55.1	55.1	110	110	60-143	0	20	
Chloroform	ug/L	<2.5	50	50	50	54.9	54.7	109	109	70-130	0	20	
Chloromethane	ug/L	<0.50	50	50	50	50.3	50.3	101	101	43-149	0	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	50	57.1	57.6	114	115	48-137	1	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50	49.4	49.3	99	99	70-130	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	50	53.9	53.6	108	107	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	50	50.7	51.1	101	102	10-174	1	20	
Ethylbenzene	ug/L	<0.50	50	50	50	58.0	58.4	116	117	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	50	56.2	56.4	112	113	54-139	0	20	
Methylene Chloride	ug/L	<0.23	50	50	50	55.8	55.2	112	110	70-133	1	20	
Styrene	ug/L	<0.50	50	50	50	51.8	51.6	104	103	70-130	0	20	
Tetrachloroethene	ug/L	0.57J	50	50	50	53.7	54.4	106	108	70-130	1	20	
Toluene	ug/L	<0.50	50	50	50	56.4	56.2	113	112	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	50	59.1	59.5	118	119	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	50	48.4	48.5	97	97	70-130	0	20	

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1084431		1084432		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40107146012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Trichloroethene	ug/L	<0.33	50	50	57.3	57.4	115	115	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.17	50	50	55.7	55.4	111	111	50-150	1	20		
Vinyl chloride	ug/L	<0.18	50	50	60.6	61.0	121	122	59-158	1	20		
Xylene (Total)	ug/L	<1.5	150	150	166	166	111	110	70-132	0	20		
4-Bromofluorobenzene (S)	%						104	103	59-130				
Dibromofluoromethane (S)	%						101	101	70-130				
Toluene-d8 (S)	%						99	99	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

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QUALIFIERS

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: REFUSE HIDEAWAY GW

Pace Project No.: 40107162

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40107162001	P-27S	EPA 8260	MSV/26575		
40107162002	P-27S DUP	EPA 8260	MSV/26575		
40107162003	P-17S	EPA 8260	MSV/26575		
40107162004	P-26S	EPA 8260	MSV/26575		
40107162005	FIELD BLANK 1	EPA 8260	MSV/26575		
40107162006	P-20SR	EPA 8260	MSV/26575		
40107162007	P-25D	EPA 8260	MSV/26575		
40107162008	P-18S	EPA 8260	MSV/26575		
40107162009	TRIP BLANK	EPA 8260	MSV/26575		

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(Please Print Clearly)

Company Name: LRG
 Branch/Location: Madison, WI
 Project Contact: Jennifer Shelton
 Phone:
 Project Number:
 Project Name: Refuge Hideaway GW
 Project State: WI
 Sampled By (Print): Charles Burgis & Jillian Yostava
 Sampled By (Sign): *Charles Burgis*

Data Package Options (billable)
 EPA Level III
 EPA Level IV
 On your sample (billable)
 NOT needed on your sample

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

PAGE LAB #	CLIENT FIELD ID	DATE	COLLECTION TIME	MATRIX
001	P275	11-13-14	10:37	GW
002	DUP1			GW
003	P175		11:37	
004	P265		11:36	
005	FBI	11-14-13	16:00	
006	P20SR	11-13-14	13:25	
007	P25D		14:15	
008	P185		14:28	
009	Trip blank			

CHAIN OF CUSTODY



RESERVED?
 PRESERVATION (CODE)
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

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

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

Invoice To Contact: Jennifer Shelton
 Invoice To Company: LRG
 Invoice To Address: 6409 Odana Rd. #11 Madison, WI 53719

CLIENT COMMENTS
 3-4 DM1v8
 2-4 DM1v8

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>Charles Burgis</i>	11-14-14 15:15	<i>CRB</i>	
<i>Jill Yostava</i>	11-15-14 09:15	<i>Kathleen Donald</i>	11-15-14 09:45

*TRIP blank added to COC by Lab KW 11-15-14

COOLER CUSTODY SEAL
 Present / Not Present
 Intact / Not Intact

Receipt Temp = **RO1** °C
 Sample Receipt pH
 OK / Adjusted

PAGE Project No.
 40107142



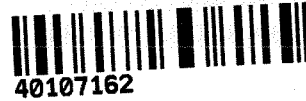
Sample Condition Upon Receipt

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

Client Name: LBG

Project #:

WO#: 40107162



Courier: Fed Ex UPS Client Pace Other:

Tracking #: 7718 7678 6082

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

Temp Blank Present: yes no

Person examining contents:
Date: 11-15-14
Initials: KEW

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

Table with 15 rows and 3 columns: Item description, checkboxes (Yes/No/N/A), and Comments. Includes items like Chain of Custody Present, Short Hold Time Analysis, and Headspace in VOA Vials.

Client Notification/ Resolution: If checked, see attached form for additional comments
Person Contacted: Date/Time:
Comments/ Resolution: Client returned 2 bags containing 3 broken vials dated 11-5-14, 21 broken vials dated 11-6-14, 20 broken vials dated 11-7-14, 3 broken vials dated 11-10-14, and 3 unused vials. KW 11-15-14

Project Manager Review: Jfr DM Date: 11/15/14

November 20, 2014

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

RE: Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40107164

Dear Jennifer Shelton:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2014. 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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

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

New York Certification #: 11888

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40107164001	P-40D	Water	11/13/14 15:20	11/15/14 09:45
40107164002	P-25BR	Water	11/13/14 13:35	11/15/14 09:45
40107164003	P-43S	Water	11/14/14 12:03	11/15/14 09:45
40107164004	P-22E	Water	11/14/14 10:42	11/15/14 09:45
40107164005	P-43I	Water	11/14/14 11:33	11/15/14 09:45
40107164006	P-25D DUP	Water	11/13/14 00:00	11/15/14 09:45
40107164007	P-30I	Water	11/13/14 16:30	11/15/14 09:45
40107164008	P-40I	Water	11/13/14 15:40	11/15/14 09:45

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SAMPLE ANALYTE COUNT

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40107164

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40107164001	P-40D	EPA 8260	LAP	45
40107164002	P-25BR	EPA 8260	LAP	45
40107164003	P-43S	EPA 8260	LAP	45
40107164004	P-22E	EPA 8260	LAP	45
40107164005	P-43I	EPA 8260	LAP	45
40107164006	P-25D DUP	EPA 8260	LAP	45
40107164007	P-30I	EPA 8260	LAP	45
40107164008	P-40I	EPA 8260	LAP	45

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SUMMARY OF DETECTION

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40107164

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40107164001	P-40D					
EPA 8260	Dichlorodifluoromethane	0.25J	ug/L	1.0	11/19/14 12:18	
EPA 8260	Tetrachloroethene	1.6	ug/L	1.0	11/19/14 12:18	
EPA 8260	cis-1,2-Dichloroethene	0.38J	ug/L	1.0	11/19/14 12:18	
40107164002	P-25BR					
EPA 8260	Dichlorodifluoromethane	0.45J	ug/L	1.0	11/19/14 12:41	
EPA 8260	Tetrachloroethene	1.1	ug/L	1.0	11/19/14 12:41	
40107164004	P-22E					
EPA 8260	1,1-Dichloroethane	0.43J	ug/L	1.0	11/19/14 14:34	
EPA 8260	Dichlorodifluoromethane	1.1	ug/L	1.0	11/19/14 14:34	
EPA 8260	Tetrachloroethene	6.8	ug/L	1.0	11/19/14 14:34	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	11/19/14 14:34	
EPA 8260	Trichlorofluoromethane	0.36J	ug/L	1.0	11/19/14 14:34	
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	11/19/14 14:34	
40107164006	P-25D DUP					
EPA 8260	cis-1,2-Dichloroethene	0.30J	ug/L	1.0	11/19/14 13:04	
40107164008	P-40I					
EPA 8260	1,1-Dichloroethane	0.39J	ug/L	1.0	11/19/14 13:49	
EPA 8260	Dichlorodifluoromethane	0.92J	ug/L	1.0	11/19/14 13:49	
EPA 8260	Tetrachloroethene	5.1	ug/L	1.0	11/19/14 13:49	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	11/19/14 13:49	
EPA 8260	Trichlorofluoromethane	0.29J	ug/L	1.0	11/19/14 13:49	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	11/19/14 13:49	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-40D **Lab ID: 40107164001** Collected: 11/13/14 15:20 Received: 11/15/14 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		11/19/14 12:18	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 12:18	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 12:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 12:18	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 12:18	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 12:18	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 12:18	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 12:18	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 12:18	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 12:18	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 12:18	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 12:18	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 12:18	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 12:18	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 12:18	74-95-3	
Dichlorodifluoromethane	0.25J	ug/L	1.0	0.20	1		11/19/14 12:18	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 12:18	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 12:18	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 12:18	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	100-42-5	
Tetrachloroethene	1.6	ug/L	1.0	0.50	1		11/19/14 12:18	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 12:18	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 12:18	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 12:18	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 12:18	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 12:18	1330-20-7	
cis-1,2-Dichloroethene	0.38J	ug/L	1.0	0.26	1		11/19/14 12:18	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:18	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 12:18	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 12:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/19/14 12:18	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/19/14 12:18	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/19/14 12:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40107164

Sample: P-25BR Lab ID: 40107164002 Collected: 11/13/14 13:35 Received: 11/15/14 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		11/19/14 12:41	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 12:41	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 12:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 12:41	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 12:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 12:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 12:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 12:41	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 12:41	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 12:41	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 12:41	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 12:41	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 12:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 12:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 12:41	74-95-3	
Dichlorodifluoromethane	0.45J	ug/L	1.0	0.20	1		11/19/14 12:41	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 12:41	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 12:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 12:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	100-42-5	
Tetrachloroethene	1.1	ug/L	1.0	0.50	1		11/19/14 12:41	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 12:41	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 12:41	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 12:41	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 12:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 12:41	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 12:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 12:41	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 12:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 12:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 12:41	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 12:41	1868-53-7	
Toluene-d8 (S)	102 %		70-130		1		11/19/14 12:41	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-43S **Lab ID: 40107164003** Collected: 11/14/14 12:03 Received: 11/15/14 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		11/19/14 14:11	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 14:11	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 14:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 14:11	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 14:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 14:11	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 14:11	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 14:11	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 14:11	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 14:11	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 14:11	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 14:11	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 14:11	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 14:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 14:11	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 14:11	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 14:11	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 14:11	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 14:11	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 14:11	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 14:11	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 14:11	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 14:11	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 14:11	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 14:11	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:11	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 14:11	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 14:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 14:11	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 14:11	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/19/14 14:11	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-22E Lab ID: 40107164004 Collected: 11/14/14 10:42 Received: 11/15/14 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		11/19/14 14:34	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 14:34	79-00-5	
1,1-Dichloroethane	0.43J	ug/L	1.0	0.24	1		11/19/14 14:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 14:34	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 14:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 14:34	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 14:34	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 14:34	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 14:34	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 14:34	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 14:34	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 14:34	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 14:34	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 14:34	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 14:34	74-95-3	
Dichlorodifluoromethane	1.1	ug/L	1.0	0.20	1		11/19/14 14:34	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 14:34	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 14:34	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 14:34	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	100-42-5	
Tetrachloroethene	6.8	ug/L	1.0	0.50	1		11/19/14 14:34	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 14:34	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	108-88-3	
Trichloroethene	1.2	ug/L	1.0	0.33	1		11/19/14 14:34	79-01-6	
Trichlorofluoromethane	0.36J	ug/L	1.0	0.17	1		11/19/14 14:34	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 14:34	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 14:34	1330-20-7	
cis-1,2-Dichloroethene	3.0	ug/L	1.0	0.26	1		11/19/14 14:34	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:34	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 14:34	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 14:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 14:34	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 14:34	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		11/19/14 14:34	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-431 Lab ID: 40107164005 Collected: 11/14/14 11:33 Received: 11/15/14 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		11/19/14 14:56	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 14:56	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 14:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 14:56	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 14:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 14:56	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 14:56	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 14:56	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 14:56	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 14:56	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 14:56	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 14:56	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 14:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 14:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 14:56	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 14:56	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 14:56	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 14:56	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 14:56	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 14:56	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 14:56	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 14:56	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 14:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 14:56	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 14:56	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 14:56	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 14:56	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 14:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 14:56	460-00-4	
Dibromofluoromethane (S)	105 %		70-130		1		11/19/14 14:56	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1		11/19/14 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-25D DUP **Lab ID: 40107164006** Collected: 11/13/14 00:00 Received: 11/15/14 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		11/19/14 13:04	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 13:04	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 13:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 13:04	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 13:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 13:04	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 13:04	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 13:04	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 13:04	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 13:04	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 13:04	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 13:04	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 13:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 13:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 13:04	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 13:04	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 13:04	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 13:04	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 13:04	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 13:04	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 13:04	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 13:04	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 13:04	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 13:04	1330-20-7	
cis-1,2-Dichloroethene	0.30J	ug/L	1.0	0.26	1		11/19/14 13:04	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:04	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 13:04	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 13:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		11/19/14 13:04	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 13:04	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1		11/19/14 13:04	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-301 **Lab ID: 40107164007** Collected: 11/13/14 16:30 Received: 11/15/14 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		11/19/14 13:26	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 13:26	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/19/14 13:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 13:26	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 13:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 13:26	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 13:26	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 13:26	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 13:26	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 13:26	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 13:26	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 13:26	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 13:26	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 13:26	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 13:26	74-95-3	
Dichlorodifluoromethane	<0.20	ug/L	1.0	0.20	1		11/19/14 13:26	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 13:26	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 13:26	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 13:26	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 13:26	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/19/14 13:26	79-01-6	
Trichlorofluoromethane	<0.17	ug/L	1.0	0.17	1		11/19/14 13:26	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 13:26	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 13:26	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 13:26	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:26	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 13:26	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 13:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		11/19/14 13:26	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		11/19/14 13:26	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1		11/19/14 13:26	2037-26-5	

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ANALYTICAL RESULTS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Sample: P-401 Lab ID: 40107164008 Collected: 11/13/14 15:40 Received: 11/15/14 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		11/19/14 13:49	71-55-6	
1,1,2-Trichloroethane	<0.16	ug/L	1.0	0.16	1		11/19/14 13:49	79-00-5	
1,1-Dichloroethane	0.39J	ug/L	1.0	0.24	1		11/19/14 13:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/19/14 13:49	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/19/14 13:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.16	ug/L	1.0	0.16	1		11/19/14 13:49	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/19/14 13:49	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/19/14 13:49	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/19/14 13:49	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/19/14 13:49	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/19/14 13:49	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/19/14 13:49	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/19/14 13:49	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/19/14 13:49	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/19/14 13:49	74-95-3	
Dichlorodifluoromethane	0.92J	ug/L	1.0	0.20	1		11/19/14 13:49	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/19/14 13:49	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/19/14 13:49	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/19/14 13:49	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	100-42-5	
Tetrachloroethene	5.1	ug/L	1.0	0.50	1		11/19/14 13:49	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/19/14 13:49	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	108-88-3	
Trichloroethene	1.2	ug/L	1.0	0.33	1		11/19/14 13:49	79-01-6	
Trichlorofluoromethane	0.29J	ug/L	1.0	0.17	1		11/19/14 13:49	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/19/14 13:49	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/19/14 13:49	1330-20-7	
cis-1,2-Dichloroethene	2.6	ug/L	1.0	0.26	1		11/19/14 13:49	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/19/14 13:49	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/19/14 13:49	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/19/14 13:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88 %		59-130		1		11/19/14 13:49	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		11/19/14 13:49	1868-53-7	
Toluene-d8 (S)	102 %		70-130		1		11/19/14 13:49	2037-26-5	

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

QC Batch: MSV/26575 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40107164001, 40107164002, 40107164003, 40107164004, 40107164005, 40107164006, 40107164007, 40107164008

METHOD BLANK: 1083834 Matrix: Water
 Associated Lab Samples: 40107164001, 40107164002, 40107164003, 40107164004, 40107164005, 40107164006, 40107164007, 40107164008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	11/19/14 06:41	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	11/19/14 06:41	
1,1-Dichloroethane	ug/L	<0.24	1.0	11/19/14 06:41	
1,1-Dichloroethene	ug/L	<0.41	1.0	11/19/14 06:41	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	11/19/14 06:41	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	11/19/14 06:41	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
1,2-Dichloroethane	ug/L	<0.17	1.0	11/19/14 06:41	
1,2-Dichloropropane	ug/L	<0.23	1.0	11/19/14 06:41	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
2-Butanone (MEK)	ug/L	<3.0	20.0	11/19/14 06:41	
Acetone	ug/L	<3.0	20.0	11/19/14 06:41	
Benzene	ug/L	<0.50	1.0	11/19/14 06:41	
Bromodichloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
Bromoform	ug/L	<0.50	1.0	11/19/14 06:41	
Bromomethane	ug/L	<2.4	5.0	11/19/14 06:41	
Carbon disulfide	ug/L	<0.61	5.0	11/19/14 06:41	
Carbon tetrachloride	ug/L	<0.50	1.0	11/19/14 06:41	
Chlorobenzene	ug/L	<0.50	1.0	11/19/14 06:41	
Chloroethane	ug/L	<0.37	1.0	11/19/14 06:41	
Chloroform	ug/L	<2.5	5.0	11/19/14 06:41	
Chloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	11/19/14 06:41	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	11/19/14 06:41	
Dibromochloromethane	ug/L	<0.50	1.0	11/19/14 06:41	
Dibromomethane	ug/L	<0.43	1.0	11/19/14 06:41	
Dichlorodifluoromethane	ug/L	<0.20	1.0	11/19/14 06:41	
Ethylbenzene	ug/L	<0.50	1.0	11/19/14 06:41	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	11/19/14 06:41	
Methylene Chloride	ug/L	<0.23	1.0	11/19/14 06:41	
Naphthalene	ug/L	<2.5	5.0	11/19/14 06:41	
Styrene	ug/L	<0.50	1.0	11/19/14 06:41	
Tetrachloroethene	ug/L	<0.50	1.0	11/19/14 06:41	
Tetrahydrofuran	ug/L	<2.0	5.0	11/19/14 06:41	
Toluene	ug/L	<0.50	1.0	11/19/14 06:41	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	11/19/14 06:41	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	11/19/14 06:41	
Trichloroethene	ug/L	<0.33	1.0	11/19/14 06:41	
Trichlorofluoromethane	ug/L	<0.17	1.0	11/19/14 06:41	

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

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL
Pace Project No.: 40107164

METHOD BLANK: 1083834 Matrix: Water
Associated Lab Samples: 40107164001, 40107164002, 40107164003, 40107164004, 40107164005, 40107164006, 40107164007, 40107164008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.18	1.0	11/19/14 06:41	
Xylene (Total)	ug/L	<1.5	3.0	11/19/14 06:41	
4-Bromofluorobenzene (S)	%	91	59-130	11/19/14 06:41	
Dibromofluoromethane (S)	%	100	70-130	11/19/14 06:41	
Toluene-d8 (S)	%	101	70-130	11/19/14 06:41	

LABORATORY CONTROL SAMPLE & LCSD: 1083835

Parameter	Units	1083836							Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD		
1,1,1-Trichloroethane	ug/L	50	57.5	58.1	115	116	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	55.6	53.6	111	107	70-130	4	20	
1,1-Dichloroethane	ug/L	50	58.0	58.4	116	117	70-130	1	20	
1,1-Dichloroethene	ug/L	50	57.9	59.6	116	119	70-132	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	43.4	95	87	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	53.6	112	107	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	52.3	51.3	105	103	70-130	2	20	
1,2-Dichloroethane	ug/L	50	53.9	53.6	108	107	70-130	0	20	
1,2-Dichloropropane	ug/L	50	59.5	59.4	119	119	70-130	0	20	
1,3-Dichlorobenzene	ug/L	50	52.2	51.4	104	103	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	50.7	49.8	101	100	70-130	2	20	
Benzene	ug/L	50	59.1	59.3	118	119	70-130	0	20	
Bromodichloromethane	ug/L	50	52.5	53.3	105	107	70-130	1	20	
Bromoform	ug/L	50	47.4	45.2	95	90	70-130	5	20	
Bromomethane	ug/L	50	21.1	27.8	42	56	34-157	27	20	R1
Carbon disulfide	ug/L	50	61.2	60.7	122	121	70-137	1	20	
Carbon tetrachloride	ug/L	50	59.3	60.2	119	120	70-132	1	20	
Chlorobenzene	ug/L	50	53.1	52.9	106	106	70-130	0	20	
Chloroethane	ug/L	50	54.6	56.2	109	112	60-143	3	20	
Chloroform	ug/L	50	53.9	54.1	108	108	70-130	0	20	
Chloromethane	ug/L	50	45.5	49.2	91	98	43-148	8	20	
cis-1,2-Dichloroethene	ug/L	50	56.5	56.9	113	114	51-133	1	20	
cis-1,3-Dichloropropene	ug/L	50	49.0	49.6	98	99	70-130	1	20	
Dibromochloromethane	ug/L	50	54.5	53.1	109	106	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	50.3	52.6	101	105	10-174	4	20	
Ethylbenzene	ug/L	50	58.9	59.3	118	119	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	56.1	55.5	112	111	54-139	1	20	
Methylene Chloride	ug/L	50	54.7	55.0	109	110	70-130	1	20	
Styrene	ug/L	50	51.8	51.8	104	104	70-130	0	20	
Tetrachloroethene	ug/L	50	53.9	53.6	108	107	70-130	0	20	
Toluene	ug/L	50	57.2	56.8	114	114	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	58.4	59.2	117	118	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	48.6	48.1	97	96	70-130	1	20	
Trichloroethene	ug/L	50	57.4	57.3	115	115	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

LABORATORY CONTROL SAMPLE & LCSD:		1083835		1083836							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Trichlorofluoromethane	ug/L	50	54.5	54.7	109	109	50-150	0	20		
Vinyl chloride	ug/L	50	57.9	61.3	116	123	59-157	6	20		
Xylene (Total)	ug/L	150	166	167	110	111	70-130	1	20		
4-Bromofluorobenzene (S)	%				104	105	59-130				
Dibromofluoromethane (S)	%				100	102	70-130				
Toluene-d8 (S)	%				100	99	70-130				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1084431		1084432								
Parameter	Units	40107146012 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	58.2	58.5	116	117	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	53.8	54.6	108	109	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	58.6	58.4	117	117	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	59.5	58.6	119	117	70-138	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.7	47.5	97	95	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	54.2	54.1	108	108	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.9	52.0	106	104	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	53.4	53.5	107	107	70-130	0	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	59.3	59.1	119	118	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	53.7	52.2	107	104	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.9	50.4	102	101	70-130	1	20	
Benzene	ug/L	<0.50	50	50	58.8	58.8	118	118	70-130	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.8	52.9	106	106	70-130	0	20	
Bromoform	ug/L	<0.50	50	50	45.2	45.9	90	92	70-130	2	20	
Bromomethane	ug/L	<2.4	50	50	28.7	28.8	57	58	34-159	0	20	
Carbon disulfide	ug/L	<0.61	50	50	61.1	61.1	122	122	68-142	0	25	
Carbon tetrachloride	ug/L	<0.50	50	50	60.4	60.1	121	120	70-132	1	20	
Chlorobenzene	ug/L	<0.50	50	50	52.9	53.2	106	106	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	55.1	55.1	110	110	60-143	0	20	
Chloroform	ug/L	<2.5	50	50	54.9	54.7	109	109	70-130	0	20	
Chloromethane	ug/L	<0.50	50	50	50.3	50.3	101	101	43-149	0	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	57.1	57.6	114	115	48-137	1	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.4	49.3	99	99	70-130	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	53.9	53.6	108	107	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	50.7	51.1	101	102	10-174	1	20	
Ethylbenzene	ug/L	<0.50	50	50	58.0	58.4	116	117	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	56.2	56.4	112	113	54-139	0	20	
Methylene Chloride	ug/L	<0.23	50	50	55.8	55.2	112	110	70-133	1	20	
Styrene	ug/L	<0.50	50	50	51.8	51.6	104	103	70-130	0	20	
Tetrachloroethene	ug/L	0.57J	50	50	53.7	54.4	106	108	70-130	1	20	
Toluene	ug/L	<0.50	50	50	56.4	56.2	113	112	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	59.1	59.5	118	119	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.4	48.5	97	97	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1084431		1084432		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40107146012 Result	MS Spike Conc.	MSD Spike Conc.									
Trichloroethene	ug/L	<0.33	50	50	57.3	57.4	115	115	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.17	50	50	55.7	55.4	111	111	50-150	1	20		
Vinyl chloride	ug/L	<0.18	50	50	60.6	61.0	121	122	59-158	1	20		
Xylene (Total)	ug/L	<1.5	150	150	166	166	111	110	70-132	0	20		
4-Bromofluorobenzene (S)	%						104	103	59-130				
Dibromofluoromethane (S)	%						101	101	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: REFUSE HIDEAWAY LANDFILL

Pace Project No.: 40107164

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40107164001	P-40D	EPA 8260	MSV/26575		
40107164002	P-25BR	EPA 8260	MSV/26575		
40107164003	P-43S	EPA 8260	MSV/26575		
40107164004	P-22E	EPA 8260	MSV/26575		
40107164005	P-43I	EPA 8260	MSV/26575		
40107164006	P-25D DUP	EPA 8260	MSV/26575		
40107164007	P-30I	EPA 8260	MSV/26575		
40107164008	P-40I	EPA 8260	MSV/26575		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: LRG
 Branch/Location: Madison, WI
 Project Contact: Jennifer Shelton
 Project Number: Refuse Hideaway Landfill
 Project Name: Refuse Hideaway
 Project State: WI
 Sampled By (Print): Charles Burgis
 Sampled By (Sign): [Signature]
 PO #: [Blank]
 Regulatory Program: [Blank]

Data Package Options (billable)
 EPA Level III
 EPA Level IV
 On your sample (billable)
 NOT needed on your sample

Matrix Codes	DATE	TIME	MATRIX
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			

Analyses Requested	V/I/N	Pick Letter	DATE	TIME	MATRIX
VOC 260	N	B	11-13-14	1520	GW
			11-13-14	1335	
			11-14-14	12:03	
			11-14-14	1642	
				1133	
			11-13-14		
				1630	
				1540	

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



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

Page 1 of 1
 40107104
 Page 20 of 21

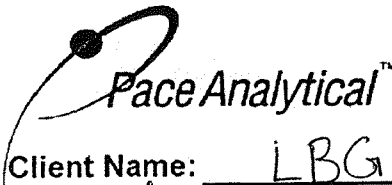
Quote #: [Blank]
 Mail To Contact: [Blank]
 Mail To Company: [Blank]
 Mail To Address: [Blank]
 Invoice To Contact: Jennifer Shelton
 Invoice To Company: LRG
 Invoice To Address: 6409 Odana Rd. # 11 Madison, WI 53719
 Invoice To Phone: [Blank]
 CLIENT COMMENTS: [Blank]
 LAB COMMENTS (Lab Use Only): 3-40ml v B
 Profile #: [Blank]

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

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

Relinquished By: [Signature]
 Date/Time: 11-14-14 1515
 Received By: [Signature]
 Date/Time: 11-14-14 0945

Version 6.0 06/14/06



Sample Condition Upon Receipt

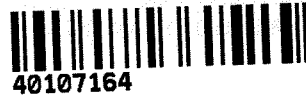
Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: LBG

Project #:

WO#: **40107164**

Courier: Fed Ex UPS Client Pace Other: _____
Tracking #: 7718 7078 6082



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: ROI /Corr: _____ Biological Tissue is Frozen: yes

Temp Blank Present: yes no no

Person examining contents:

Date: 11-15-14

Initials: REW

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:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>(W)</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: (VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER: _____)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Lab Std #/ID of preservative
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Date/Time:
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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: Client returned 2 bags containing 3 broken vials dated 11-5-14, 21 broken vials dated 11-6-14, 20 broken vials dated 11-7-14, 3 broken vials dated 11-10-14, and 3 unused vials. 11/15/14 Szw

Project Manager Review: _____

11 for DM

Date: _____

11/15/14

ATTACHMENT 4

Summary of Groundwater Elevations – November 2014

ATTACHMENT 4

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN**

SUMMARY OF GROUNDWATER ELEVATIONS - NOVEMBER 2014

Monitoring Well	DNR ID	Depth to Water (ft)	Top of Well Elevation (msl-ft)	Groundwater Elevation (msl-ft)
P-1D	171	4.29	926.67	922.38
P-1S	172	5.19	924.39	919.20
P-3S	143	10.44	932.79	922.35
P-4S	173	7.22	929.89	922.67
P-8BR	126	7.33	929.52	922.19
P-8D	114	8.57	930.98	922.41
P-8S	125	9.56	932.50	922.94
P-9D	140	8.21	930.43	922.22
P-9S	139	9.62	932.09	922.47
P-16D	127	15.70	936.30	920.60
P-16S	142	15.38	935.96	920.58
P-17S	128	150.53	1081.75	931.22
P-18S	129	97.43	1020.57	923.14
P-20SR	167	38.61	961.78	923.17
P-21BR	134	14.41	935.19	920.78
P-21D	113	15.64	935.81	920.17
P-21S	133	12.51	936.43	923.92
P-22D	136	174.40	1088.94	914.54
P-22S	135	173.33	1088.20	914.87
P-22E	174	175.15	1089.72	914.57
P-23D	138	38.80	961.53	922.73
P-23S	137	39.17	961.71	922.54
P-24D	115	5.33	927.25	921.92
P-24E	116	5.02	927.39	922.37
P-25BR	119	26.09	943.27	917.18
P-25D	118	26.95	943.86	916.91
P-25S	117	22.38	943.14	920.76
P-26D	120	223.39	1149.63	926.24
P-26S	141	220.00	1150.95	930.95
P-27D	122	175.54	1095.56	920.02
P-27S	121	175.05	1095.23	920.18
P-28S	123	199.72	1124.33	924.61
P-29S	168	237.30	1163.10	925.80
P-30D	169	22.39	932.97	910.58
P-30I	170	20.47	930.94	910.47
P-30S	144	21.62	932.61	910.99

ATTACHMENT 4

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN**

SUMMARY OF GROUNDWATER ELEVATIONS - NOVEMBER 2014

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	5.93	916.59	910.66
P-32D	149	22.72	942.66	919.94
P-32S	150	21.81	943.73	921.92
P-33D	152	5.29	928.50	923.21
P-33S	151	5.57	928.55	922.98
P-34D	153	164.77	1090.98	926.21
P-34S	154	162.06	1091.10	929.04
P-35D	155	166.60	1087.70	921.10
P-35S	156	165.04	1087.90	922.86
P-36D	157	1.66	924.34	922.68
P-36S	158	3.12	924.49	921.37
P-38S	159	7.34	923.21	915.87
P-39S	160	35.84	946.08	910.24
P-40D	161	12.19	922.98	910.79
P-40I	162	11.01	922.28	911.27
P-40S	163	11.04	922.01	910.97
P-41D	165	17.51	924.82	907.31
P-41S	164	13.41	925.58	912.17
P-42S	166	12.32	917.62	905.30
P-43S	175	192.76	1110.60	917.84
P-43I	176	193.03	1110.24	917.21
P-43D	177	193.30	1109.92	916.62

-- : 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.