

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUNDWATER AND ENVIRONMENTAL ENGINEERING SERVICES

5957 McKee Road, Suite 7
Madison, WI 53719
608-441-5544
FAX 608-441-5545
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January 6, 2015

Mr. Woody Myers
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

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

Dear Mr. Myers:

Leggette, Brashears & Graham, Inc. (LBG) is pleased to submit this report for the November 2015 groundwater monitoring event at the Refuse Hideaway Landfill (Site), as required in Section III Schedule and Deliverables of the Site's Specifications/Work Scope (Revised March 2015). This submittal includes the following:

- **Attachment 1:** Data CD and the Environmental Monitoring Data Certification Form;
- **Attachment 2:** NR 140 Exceedance Reports;
- **Attachment 3:** Laboratory analytical reports; and,
- **Attachment 4:** Summary of Groundwater Elevations – November 2015; and,
- **Attachment 5:** Annual Groundwater Elevation and Water Quality Contour Maps – June 2015.

Please note that the annual groundwater elevation and water quality maps were generated utilizing the June 2015 sampling data because more wells are sampled during the spring monitoring event compared to the fall event.

Three copies of an itemized invoice for services performed and a State of Wisconsin Invoice for Professional Services are also provided with this submittal.

Sampling Plan Deviations

No deviations from the plan were encountered. LBG sampled the 23 monitoring wells and the 9 drinking water wells scheduled per the sampling protocol.

Future Actions

Per Section II part C.7 of the proposal, LBG will maintain water level control devices as necessary in select wells during the winter. The next groundwater sampling event is scheduled for May 2016. If you have any questions or comments, please contact me at 608.310.7672.

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 2015
- Attachment 5: Annual Groundwater Elevation and Water Quality Contour Maps – June 2015
 - Sheet 1: Groundwater Elevations – June 2015
 - Sheet 2: Vinyl Chloride (VC) Concentrations – June 2015
 - Sheet 3: Trichloroethene (TCE) Concentrations – June 2015
 - Sheet 4: Tetrachloroethene (PCE) Concentrations – June 2015
 - Table A: Summary of Groundwater Elevations – June 2015
 - Table B: NR 140 Exceedance Report – June 2015

Enclosures:

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

Attachments

JAS/jv

J:\Refuse Hideaway\GW Sampling\Reporting\Semi-Annual - November 2015\Refuse Groundwater Monitoring Report NOV 2015.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. (consultant)

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

Name: Jennifer Shelton

Phone: (608) 310-7672

E-mail: jshelton@lbgmad.com

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

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

November 2015

Type of Data Submitted (Check all that apply)

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

Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- 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 *Jennifer Shelton*

Date 1-5-16

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 2015

Sample ID	DNR Well ID	Parameter	Units	Laboratory Result	Exceedance Type	PAL	ES
P-25BR	119	Tetrachloroethene	ug/L	J 0.63	PAL	0.5	5
P-27S	121	Tetrachloroethene	ug/L	3.5	PAL	0.5	5
P-27D	122	Tetrachloroethene	ug/L	16.0	ES	0.5	5
P-27D	122	Trichloroethene	ug/L	2.5	PAL	0.5	5
P-17S	128	cis-1,2-Dichloroethene	ug/L	16.6	PAL	7	70
P-17S	128	Tetrachloroethene	ug/L	3.2	PAL	0.5	5
P-17S	128	Trichloroethene	ug/L	1.8	PAL	0.5	5
P-17S	128	Vinyl chloride	ug/L	J 0.77	ES	0.02	0.20
P-18S	129	Tetrachloroethene	ug/L	10.3	ES	0.5	5
P-18S - DUP	129	Tetrachloroethene	ug/L	9.5	ES	0.5	5
P-18S	129	Trichloroethene	ug/L	1.0	PAL	0.5	5
P-18S - DUP	129	Trichloroethene	ug/L	J 0.95	PAL	0.5	5
P-22S	135	Tetrachloroethene	ug/L	2.2	PAL	0.5	5
P-22S	135	Trichloroethene	ug/L	J 0.63	PAL	0.5	5
P-22D	136	Tetrachloroethene	ug/L	1.1	PAL	0.5	5
P-23S	137	Tetrachloroethene	ug/L	J 0.6	PAL	0.5	5
P-31IA	146	Tetrachloroethene	ug/L	4.0	PAL	0.5	5
P-31IA - DUP	146	Tetrachloroethene	ug/L	3.2	PAL	0.5	5
P-31IA	146	Trichloroethene	ug/L	J 0.84	PAL	0.5	5
P-31IA - DUP	146	Trichloroethene	ug/L	J 0.81	PAL	0.5	5
P-31IB	147	Tetrachloroethene	ug/L	2.8	PAL	0.5	5
P-31IB	147	Trichloroethene	ug/L	J 0.74	PAL	0.5	5
P-40D	161	Tetrachloroethene	ug/L	1.6	PAL	0.5	5
P-40I	162	Tetrachloroethene	ug/L	3.9	PAL	0.5	5
P-40I	162	Trichloroethene	ug/L	J 0.94	PAL	0.5	5
P-20SR	167	Tetrachloroethene	ug/L	2.3	PAL	0.5	5
P-22E	174	Tetrachloroethene	ug/L	8.5	ES	0.5	5
P-22E	174	Trichloroethene	ug/L	1.5	PAL	0.5	5
P-43D	177	Tetrachloroethene	ug/L	J 0.87	PAL	0.5	5
7750 USH 14	311	Tetrachloroethene	ug/L	2.40	PAL	0.5	5
7750 USH 14	311	Trichloroethene	ug/L	J 0.52	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 2015

Parameter	Sample ID	DNR Well ID	Units	Laboratory Result	Exceedance Type	PAL	ES
Tetrachloroethene	P-25BR	119	ug/L	J 0.63	PAL	0.5	5
	P-27S	121	ug/L	3.5	PAL		
	P-27D	122	ug/L	16.0	ES		
	P-17S	128	ug/L	3.2	PAL		
	P-18S	129	ug/L	10.3	ES		
	P-18S (DUP)	129	ug/L	9.5	ES		
	P-22S	135	ug/L	2.2	PAL		
	P-22D	136	ug/L	1.1	PAL		
	P-23S	137	ug/L	J 0.6	PAL		
	P-31IA	146	ug/L	4.0	PAL		
	P-31IA (DUP)	146	ug/L	3.2	PAL		
	P-31IB	147	ug/L	2.8	PAL		
	P-40D	161	ug/L	1.6	PAL		
	P-40I	162	ug/L	3.9	PAL		
	P-20SR	167	ug/L	2.3	PAL		
	P-22E	174	ug/L	8.5	ES		
	P-43D	177	ug/L	J 0.87	PAL		
7750 USH 14	311	ug/L	2.4	PAL			
Trichloroethene	P-27D	122	ug/L	2.5	PAL	0.5	5
	P-17S	128	ug/L	1.8	PAL		
	P-18S	129	ug/L	1.0	PAL		
	P-18S (DUP)	129	ug/L	J 0.95	PAL		
	P-22S	135	ug/L	J 0.63	PAL		
	P-31IA	146	ug/L	J 0.84	PAL		
	P-31IA (DUP)	146	ug/L	J 0.81	PAL		
	P-31IB	147	ug/L	J 0.74	PAL		
	P-40I	162	ug/L	J 0.94	PAL		
	P-22E	174	ug/L	1.5	PAL		
	7750 USH 14	311	ug/L	J 0.52	PAL		
Vinyl chloride	P-17S	128	ug/L	J 0.77	ES	0.02	0.2
cis-1,2-Dichloroethene	P-17S	128	ug/L	16.6	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

November 18, 2015

Jennifer Shelton
Leggette Brashears & Graham-WI
5957 McKee Road, Suite 107
Madison, WI 53719

RE: Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Dear Jennifer Shelton:

Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

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

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP Certification ID: 460263

Virginia VELAP ID: 460263

Wisconsin Certification #: 405132750

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268

Illinois Certification #: 200074

Indiana Certification #: C-49-06

Kansas Certification #: E-10177

Kentucky UST Certification #: 0042

Kentucky WW Certification #: 98019

Louisiana Certification #: 04076

Ohio VAP Certification #: CL-0065

Oklahoma Certification #: 2014-148

Texas Certification #: T104704355-15-9

West Virginia Certification #: 330

Wisconsin Certification #: 999788130

USDA Soil Permit #: P330-10-00128

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40124357001	P-43S	Water	11/03/15 10:18	11/07/15 08:59
40124357002	P-43I	Water	11/03/15 10:49	11/07/15 08:59
40124357003	P-43D	Water	11/03/15 11:46	11/07/15 08:59
40124357004	P-22E	Water	11/03/15 12:41	11/07/15 08:59
40124357005	P-22D	Water	11/03/15 12:57	11/07/15 08:59
40124357006	P-26S	Water	11/03/15 15:01	11/07/15 08:59
40124357007	P-22S	Water	11/03/15 13:09	11/07/15 08:59
40124357008	P-30I	Water	11/04/15 13:14	11/07/15 08:59
40124357009	P-30I DUP	Water	11/04/15 13:04	11/07/15 08:59
40124357010	P-30D	Water	11/04/15 13:35	11/07/15 08:59
40124357011	P-40I	Water	11/04/15 14:16	11/07/15 08:59
40124357012	P-40D	Water	11/04/15 14:19	11/07/15 08:59
40124357013	P-27S	Water	11/04/15 15:23	11/07/15 08:59
40124357014	P-27D	Water	11/04/15 15:24	11/07/15 08:59
40124357015	P-23S	Water	11/04/15 16:13	11/07/15 08:59
40124357016	P-20SR	Water	11/04/15 16:30	11/07/15 08:59
40124357017	P-23D	Water	11/05/15 14:35	11/07/15 08:59
40124357018	P-25BR	Water	11/05/15 14:00	11/07/15 08:59
40124357019	P-31D	Water	11/05/15 12:27	11/07/15 08:59
40124357020	P-18S	Water	11/05/15 14:45	11/07/15 08:59
40124357021	P-18S DUP	Water	11/05/15 14:45	11/07/15 08:59
40124357022	P-17S	Water	11/05/15 15:45	11/07/15 08:59
40124357023	P-25D	Water	11/05/15 13:59	11/07/15 08:59
40124357024	P-31IB	Water	11/05/15 12:55	11/07/15 08:59
40124357025	P-31IA	Water	11/05/15 12:35	11/07/15 08:59
40124357026	P-31IA DUP	Water	11/05/15 12:35	11/07/15 08:59
40124357027	7911 DEER RUN	Water	11/06/15 11:57	11/07/15 08:59
40124357028	7892 DEER RUN	Water	11/06/15 11:45	11/07/15 08:59
40124357029	7873 DEER RUN	Water	11/06/15 11:31	11/07/15 08:59
40124357030	4314 FAWN CT	Water	11/06/15 11:18	11/07/15 08:59
40124357031	4310 FAWN CT	Water	11/06/15 11:09	11/07/15 08:59
40124357032	7785 LOW RD	Water	11/06/15 10:45	11/07/15 08:59
40124357033	7750 USH 14	Water	11/06/15 10:17	11/07/15 08:59
40124357034	7734 USH 14	Water	11/06/15 09:59	11/07/15 08:59
40124357035	7734 USH 14 DUP	Water	11/06/15 09:59	11/07/15 08:59
40124357036	7902 USH 14	Water	11/06/15 10:29	11/07/15 08:59
40124357037	TRIP BLANK	Water	11/06/15 00:00	11/07/15 08:59

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40124357001	P-43S	EPA 8260	LAP	45	PASI-G
40124357002	P-43I	EPA 8260	LAP	45	PASI-G
40124357003	P-43D	EPA 8260	LAP	45	PASI-G
40124357004	P-22E	EPA 8260	LAP	45	PASI-G
40124357005	P-22D	EPA 8260	LAP	45	PASI-G
40124357006	P-26S	EPA 8260	LAP	45	PASI-G
40124357007	P-22S	EPA 8260	LAP	45	PASI-G
40124357008	P-30I	EPA 8260	LAP	45	PASI-G
40124357009	P-30I DUP	EPA 8260	LAP	45	PASI-G
40124357010	P-30D	EPA 8260	LAP	45	PASI-G
40124357011	P-40I	EPA 8260	LAP	45	PASI-G
40124357012	P-40D	EPA 8260	LAP	45	PASI-G
40124357013	P-27S	EPA 8260	LAP	45	PASI-G
40124357014	P-27D	EPA 8260	LAP	45	PASI-G
40124357015	P-23S	EPA 8260	LAP	45	PASI-G
40124357016	P-20SR	EPA 8260	LAP	45	PASI-G
40124357017	P-23D	EPA 8260	LAP	45	PASI-G
40124357018	P-25BR	EPA 8260	LAP	45	PASI-G
40124357019	P-31D	EPA 8260	LAP	45	PASI-G
40124357020	P-18S	EPA 8260	LAP	45	PASI-G
40124357021	P-18S DUP	EPA 8260	AJP	45	PASI-G
40124357022	P-17S	EPA 8260	AJP	45	PASI-G
40124357023	P-25D	EPA 8260	AJP	45	PASI-G
40124357024	P-31IB	EPA 8260	AJP	45	PASI-G
40124357025	P-31IA	EPA 8260	AJP	45	PASI-G
40124357026	P-31IA DUP	EPA 8260	AJP	45	PASI-G
40124357027	7911 DEER RUN	EPA 524.2	AMV	45	PASI-I
40124357028	7892 DEER RUN	EPA 524.2	AMV	45	PASI-I
40124357029	7873 DEER RUN	EPA 524.2	AMV	45	PASI-I
40124357030	4314 FAWN CT	EPA 524.2	AMV	45	PASI-I
40124357031	4310 FAWN CT	EPA 524.2	AMV	45	PASI-I
40124357032	7785 LOW RD	EPA 524.2	AMV	45	PASI-I
40124357033	7750 USH 14	EPA 524.2	AMV	45	PASI-I
40124357034	7734 USH 14	EPA 524.2	AMV	45	PASI-I
40124357035	7734 USH 14 DUP	EPA 524.2	AMV	45	PASI-I
40124357036	7902 USH 14	EPA 524.2	AMV	45	PASI-I
40124357037	TRIP BLANK	EPA 8260	AJP	45	PASI-G

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40124357003	P-43D					
EPA 8260	Tetrachloroethene	0.87J	ug/L	1.0	11/10/15 10:54	
40124357004	P-22E					
EPA 8260	1,1-Dichloroethane	0.48J	ug/L	1.0	11/10/15 11:15	
EPA 8260	Dichlorodifluoromethane	1.6	ug/L	1.0	11/10/15 11:15	
EPA 8260	Tetrachloroethene	8.5	ug/L	1.0	11/10/15 11:15	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	11/10/15 11:15	
EPA 8260	Trichlorofluoromethane	0.49J	ug/L	1.0	11/10/15 11:15	
EPA 8260	cis-1,2-Dichloroethene	4.0	ug/L	1.0	11/10/15 11:15	
40124357005	P-22D					
EPA 8260	Tetrachloroethene	1.1	ug/L	1.0	11/10/15 11:37	
EPA 8260	cis-1,2-Dichloroethene	0.89J	ug/L	1.0	11/10/15 11:37	
40124357006	P-26S					
EPA 8260	Acetone	3.9J	ug/L	20.0	11/10/15 11:59	
40124357007	P-22S					
EPA 8260	Tetrachloroethene	2.2	ug/L	1.0	11/10/15 12:21	
EPA 8260	Trichloroethene	0.63J	ug/L	1.0	11/10/15 12:21	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	11/10/15 12:21	
40124357011	P-40I					
EPA 8260	1,1-Dichloroethane	0.38J	ug/L	1.0	11/10/15 14:10	
EPA 8260	Dichlorodifluoromethane	0.86J	ug/L	1.0	11/10/15 14:10	
EPA 8260	Tetrachloroethene	3.9	ug/L	1.0	11/10/15 14:10	
EPA 8260	Trichloroethene	0.94J	ug/L	1.0	11/10/15 14:10	
EPA 8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	11/10/15 14:10	
40124357012	P-40D					
EPA 8260	Tetrachloroethene	1.6	ug/L	1.0	11/10/15 14:32	
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	11/10/15 14:32	
EPA 8260	cis-1,2-Dichloroethene	0.42J	ug/L	1.0	11/10/15 14:32	
40124357013	P-27S					
EPA 8260	Dichlorodifluoromethane	0.28J	ug/L	1.0	11/10/15 14:54	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	11/10/15 14:54	
EPA 8260	Trichloroethene	0.41J	ug/L	1.0	11/10/15 14:54	
40124357014	P-27D					
EPA 8260	1,1-Dichloroethane	0.82J	ug/L	1.0	11/10/15 15:15	
EPA 8260	Dichlorodifluoromethane	1.0	ug/L	1.0	11/10/15 15:15	
EPA 8260	Tetrachloroethene	16.0	ug/L	1.0	11/10/15 15:15	
EPA 8260	Trichloroethene	2.5	ug/L	1.0	11/10/15 15:15	
EPA 8260	Trichlorofluoromethane	0.59J	ug/L	1.0	11/10/15 15:15	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	11/10/15 15:15	
40124357015	P-23S					
EPA 8260	Tetrachloroethene	0.60J	ug/L	1.0	11/10/15 15:37	

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SUMMARY OF DETECTION

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40124357016	P-20SR					
EPA 8260	Dichlorodifluoromethane	0.63J	ug/L	1.0	11/10/15 15:59	
EPA 8260	Tetrachloroethene	2.3	ug/L	1.0	11/10/15 15:59	
EPA 8260	Trichlorofluoromethane	0.22J	ug/L	1.0	11/10/15 15:59	
40124357018	P-25BR					
EPA 8260	Dichlorodifluoromethane	0.34J	ug/L	1.0	11/10/15 18:10	
EPA 8260	Tetrachloroethene	0.63J	ug/L	1.0	11/10/15 18:10	
40124357020	P-18S					
EPA 8260	Dichlorodifluoromethane	1.1	ug/L	1.0	11/10/15 18:54	
EPA 8260	Tetrachloroethene	10.3	ug/L	1.0	11/10/15 18:54	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	11/10/15 18:54	
EPA 8260	Trichlorofluoromethane	0.21J	ug/L	1.0	11/10/15 18:54	
EPA 8260	cis-1,2-Dichloroethene	0.54J	ug/L	1.0	11/10/15 18:54	
40124357021	P-18S DUP					
EPA 8260	Dichlorodifluoromethane	2.7	ug/L	1.0	11/10/15 14:31	
EPA 8260	Tetrachloroethene	9.5	ug/L	1.0	11/10/15 14:31	
EPA 8260	Trichloroethene	0.95J	ug/L	1.0	11/10/15 14:31	
EPA 8260	cis-1,2-Dichloroethene	0.42J	ug/L	1.0	11/10/15 14:31	
40124357022	P-17S					
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	11/10/15 09:49	
EPA 8260	Dichlorodifluoromethane	2.2	ug/L	1.0	11/10/15 09:49	
EPA 8260	Tetrachloroethene	3.2	ug/L	1.0	11/10/15 09:49	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	11/10/15 09:49	
EPA 8260	Vinyl chloride	0.77J	ug/L	1.0	11/10/15 09:49	
EPA 8260	cis-1,2-Dichloroethene	16.6	ug/L	1.0	11/10/15 09:49	
40124357024	P-31IB					
EPA 8260	1,1-Dichloroethane	0.25J	ug/L	1.0	11/10/15 13:26	
EPA 8260	Dichlorodifluoromethane	2.4	ug/L	1.0	11/10/15 13:26	
EPA 8260	Tetrachloroethene	2.8	ug/L	1.0	11/10/15 13:26	
EPA 8260	Trichloroethene	0.74J	ug/L	1.0	11/10/15 13:26	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	11/10/15 13:26	
40124357025	P-31IA					
EPA 8260	Dichlorodifluoromethane	2.4	ug/L	1.0	11/10/15 13:48	
EPA 8260	Tetrachloroethene	4.0	ug/L	1.0	11/10/15 13:48	
EPA 8260	Trichloroethene	0.84J	ug/L	1.0	11/10/15 13:48	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	11/10/15 13:48	
40124357026	P-31IA DUP					
EPA 8260	Dichlorodifluoromethane	2.4	ug/L	1.0	11/10/15 14:10	
EPA 8260	Tetrachloroethene	3.2	ug/L	1.0	11/10/15 14:10	
EPA 8260	Trichloroethene	0.81J	ug/L	1.0	11/10/15 14:10	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	11/10/15 14:10	
40124357033	7750 USH 14					
EPA 524.2	cis-1,2-Dichloroethene	1.6	ug/L	0.67	11/18/15 02:05	N2

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SUMMARY OF DETECTION

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40124357033	7750 USH 14					
EPA 524.2	Tetrachloroethene	2.4	ug/L	1.1	11/18/15 02:05	N2
EPA 524.2	Trichloroethene	0.52J	ug/L	0.70	11/18/15 02:05	N2

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-43S **Lab ID: 40124357001** Collected: 11/03/15 10:18 Received: 11/07/15 08:59 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		11/10/15 10:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 10:10	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 10:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 10:10	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 10:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 10:10	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 10:10	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 10:10	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 10:10	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 10:10	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 10:10	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 10:10	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 10:10	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 10:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 10:10	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 10:10	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 10:10	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 10:10	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 10:10	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 10:10	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 10:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 10:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 10:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 10:10	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:10	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:10	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:10	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 10:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 10:10	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/10/15 10:10	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 10:10	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-431 **Lab ID: 40124357002** Collected: 11/03/15 10:49 Received: 11/07/15 08:59 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		11/10/15 10:32	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 10:32	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 10:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 10:32	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 10:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 10:32	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 10:32	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 10:32	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 10:32	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 10:32	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 10:32	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 10:32	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 10:32	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 10:32	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 10:32	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 10:32	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 10:32	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 10:32	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 10:32	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 10:32	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 10:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 10:32	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 10:32	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 10:32	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:32	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:32	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:32	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 10:32	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 10:32	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 10:32	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 10:32	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-43D **Lab ID: 40124357003** Collected: 11/03/15 11:46 Received: 11/07/15 08:59 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		11/10/15 10:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 10:54	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 10:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 10:54	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 10:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 10:54	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 10:54	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 10:54	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 10:54	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 10:54	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 10:54	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 10:54	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 10:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 10:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 10:54	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 10:54	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 10:54	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 10:54	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 10:54	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	100-42-5	
Tetrachloroethene	0.87J	ug/L	1.0	0.50	1		11/10/15 10:54	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 10:54	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 10:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 10:54	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 10:54	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 10:54	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:54	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 10:54	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 10:54	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 10:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		11/10/15 10:54	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 10:54	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 10:54	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-22E **Lab ID: 40124357004** Collected: 11/03/15 12:41 Received: 11/07/15 08:59 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		11/10/15 11:15	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 11:15	79-00-5	
1,1-Dichloroethane	0.48J	ug/L	1.0	0.24	1		11/10/15 11:15	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 11:15	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 11:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 11:15	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 11:15	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 11:15	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 11:15	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 11:15	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 11:15	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 11:15	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 11:15	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 11:15	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 11:15	74-95-3	
Dichlorodifluoromethane	1.6	ug/L	1.0	0.22	1		11/10/15 11:15	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 11:15	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 11:15	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 11:15	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	100-42-5	
Tetrachloroethene	8.5	ug/L	1.0	0.50	1		11/10/15 11:15	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 11:15	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	108-88-3	
Trichloroethene	1.5	ug/L	1.0	0.33	1		11/10/15 11:15	79-01-6	
Trichlorofluoromethane	0.49J	ug/L	1.0	0.18	1		11/10/15 11:15	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 11:15	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 11:15	1330-20-7	
cis-1,2-Dichloroethene	4.0	ug/L	1.0	0.26	1		11/10/15 11:15	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:15	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:15	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 11:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/15 11:15	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 11:15	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 11:15	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-22D **Lab ID: 40124357005** Collected: 11/03/15 12:57 Received: 11/07/15 08:59 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		11/10/15 11:37	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 11:37	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 11:37	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 11:37	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 11:37	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 11:37	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 11:37	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 11:37	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 11:37	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 11:37	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 11:37	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 11:37	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 11:37	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 11:37	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 11:37	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 11:37	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	100-42-5	
Tetrachloroethene	1.1	ug/L	1.0	0.50	1		11/10/15 11:37	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 11:37	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 11:37	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 11:37	1330-20-7	
cis-1,2-Dichloroethene	0.89J	ug/L	1.0	0.26	1		11/10/15 11:37	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:37	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		11/10/15 11:37	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/10/15 11:37	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		11/10/15 11:37	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-26S **Lab ID: 40124357006** Collected: 11/03/15 15:01 Received: 11/07/15 08:59 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		11/10/15 11:59	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 11:59	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 11:59	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 11:59	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 11:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 11:59	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 11:59	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 11:59	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 11:59	78-93-3	
Acetone	3.9J	ug/L	20.0	3.0	1		11/10/15 11:59	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 11:59	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 11:59	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 11:59	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 11:59	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 11:59	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 11:59	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 11:59	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 11:59	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 11:59	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 11:59	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 11:59	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 11:59	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 11:59	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 11:59	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:59	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:59	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:59	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 11:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 11:59	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/10/15 11:59	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 11:59	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-22S **Lab ID: 40124357007** Collected: 11/03/15 13:09 Received: 11/07/15 08:59 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		11/10/15 12:21	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 12:21	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 12:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 12:21	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 12:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 12:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 12:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 12:21	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 12:21	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 12:21	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 12:21	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 12:21	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 12:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 12:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 12:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 12:21	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 12:21	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 12:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 12:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	100-42-5	
Tetrachloroethene	2.2	ug/L	1.0	0.50	1		11/10/15 12:21	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 12:21	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	108-88-3	
Trichloroethene	0.63J	ug/L	1.0	0.33	1		11/10/15 12:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 12:21	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 12:21	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 12:21	1330-20-7	
cis-1,2-Dichloroethene	1.5	ug/L	1.0	0.26	1		11/10/15 12:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:21	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 12:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 12:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 12:21	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 12:21	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 12:21	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Sample: P-301 **Lab ID: 40124357008** Collected: 11/04/15 13:14 Received: 11/07/15 08:59 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		11/10/15 12:43	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 12:43	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 12:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 12:43	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 12:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 12:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 12:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 12:43	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 12:43	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 12:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 12:43	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 12:43	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 12:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 12:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 12:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 12:43	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 12:43	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 12:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 12:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 12:43	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 12:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 12:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 12:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 12:43	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 12:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 12:43	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 12:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 12:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 12:43	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 12:43	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 12:43	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-301 DUP **Lab ID: 40124357009** Collected: 11/04/15 13:04 Received: 11/07/15 08:59 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		11/10/15 13:05	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 13:05	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 13:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 13:05	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 13:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 13:05	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 13:05	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 13:05	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 13:05	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 13:05	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 13:05	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 13:05	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 13:05	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 13:05	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 13:05	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 13:05	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 13:05	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 13:05	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 13:05	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 13:05	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 13:05	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 13:05	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 13:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 13:05	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:05	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:05	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:05	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 13:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 13:05	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		11/10/15 13:05	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 13:05	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Sample: P-30D **Lab ID: 40124357010** Collected: 11/04/15 13:35 Received: 11/07/15 08:59 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		11/10/15 13:48	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 13:48	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 13:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 13:48	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 13:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 13:48	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 13:48	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 13:48	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 13:48	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 13:48	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 13:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 13:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 13:48	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 13:48	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 13:48	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 13:48	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 13:48	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 13:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 13:48	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:48	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:48	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/10/15 13:48	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/10/15 13:48	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 13:48	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-401 **Lab ID: 40124357011** Collected: 11/04/15 14:16 Received: 11/07/15 08:59 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		11/10/15 14:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 14:10	79-00-5	
1,1-Dichloroethane	0.38J	ug/L	1.0	0.24	1		11/10/15 14:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 14:10	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 14:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 14:10	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 14:10	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 14:10	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 14:10	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 14:10	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 14:10	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 14:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 14:10	74-95-3	
Dichlorodifluoromethane	0.86J	ug/L	1.0	0.22	1		11/10/15 14:10	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 14:10	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 14:10	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	100-42-5	
Tetrachloroethene	3.9	ug/L	1.0	0.50	1		11/10/15 14:10	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 14:10	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	108-88-3	
Trichloroethene	0.94J	ug/L	1.0	0.33	1		11/10/15 14:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 14:10	1330-20-7	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.26	1		11/10/15 14:10	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:10	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/15 14:10	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/10/15 14:10	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		11/10/15 14:10	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Sample: P-40D Lab ID: 40124357012 Collected: 11/04/15 14:19 Received: 11/07/15 08:59 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		11/10/15 14:32	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 14:32	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 14:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 14:32	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 14:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 14:32	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 14:32	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 14:32	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 14:32	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 14:32	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 14:32	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 14:32	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 14:32	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 14:32	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 14:32	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 14:32	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 14:32	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 14:32	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 14:32	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	100-42-5	
Tetrachloroethene	1.6	ug/L	1.0	0.50	1		11/10/15 14:32	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 14:32	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	108-88-3	
Trichloroethene	0.38J	ug/L	1.0	0.33	1		11/10/15 14:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 14:32	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 14:32	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 14:32	1330-20-7	
cis-1,2-Dichloroethene	0.42J	ug/L	1.0	0.26	1		11/10/15 14:32	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:32	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:32	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 14:32	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 14:32	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/10/15 14:32	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 14:32	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

Sample: P-27S **Lab ID: 40124357013** Collected: 11/04/15 15:23 Received: 11/07/15 08:59 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		11/10/15 14:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 14:54	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 14:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 14:54	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 14:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 14:54	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 14:54	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 14:54	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 14:54	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 14:54	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 14:54	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 14:54	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 14:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 14:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 14:54	74-95-3	
Dichlorodifluoromethane	0.28J	ug/L	1.0	0.22	1		11/10/15 14:54	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 14:54	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 14:54	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 14:54	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	100-42-5	
Tetrachloroethene	3.5	ug/L	1.0	0.50	1		11/10/15 14:54	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 14:54	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	108-88-3	
Trichloroethene	0.41J	ug/L	1.0	0.33	1		11/10/15 14:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 14:54	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 14:54	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 14:54	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:54	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:54	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:54	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 14:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/15 14:54	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/10/15 14:54	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 14:54	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-27D Lab ID: 40124357014 Collected: 11/04/15 15:24 Received: 11/07/15 08:59 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		11/10/15 15:15	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 15:15	79-00-5	
1,1-Dichloroethane	0.82J	ug/L	1.0	0.24	1		11/10/15 15:15	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 15:15	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 15:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 15:15	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 15:15	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 15:15	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 15:15	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 15:15	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 15:15	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 15:15	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 15:15	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 15:15	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 15:15	74-95-3	
Dichlorodifluoromethane	1.0	ug/L	1.0	0.22	1		11/10/15 15:15	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 15:15	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 15:15	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 15:15	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	100-42-5	
Tetrachloroethene	16.0	ug/L	1.0	0.50	1		11/10/15 15:15	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 15:15	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	108-88-3	
Trichloroethene	2.5	ug/L	1.0	0.33	1		11/10/15 15:15	79-01-6	
Trichlorofluoromethane	0.59J	ug/L	1.0	0.18	1		11/10/15 15:15	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 15:15	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 15:15	1330-20-7	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	0.26	1		11/10/15 15:15	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:15	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 15:15	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 15:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		11/10/15 15:15	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/10/15 15:15	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 15:15	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-23S **Lab ID: 40124357015** Collected: 11/04/15 16:13 Received: 11/07/15 08:59 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		11/10/15 15:37	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 15:37	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 15:37	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 15:37	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 15:37	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 15:37	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 15:37	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 15:37	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 15:37	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 15:37	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 15:37	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 15:37	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 15:37	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 15:37	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 15:37	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 15:37	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 15:37	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 15:37	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 15:37	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	100-42-5	
Tetrachloroethene	0.60J	ug/L	1.0	0.50	1		11/10/15 15:37	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 15:37	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 15:37	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 15:37	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 15:37	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 15:37	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 15:37	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:37	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 15:37	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 15:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/15 15:37	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/10/15 15:37	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 15:37	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-20SR Lab ID: 40124357016 Collected: 11/04/15 16:30 Received: 11/07/15 08:59 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		11/10/15 15:59	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 15:59	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 15:59	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 15:59	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 15:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 15:59	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 15:59	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 15:59	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 15:59	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 15:59	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 15:59	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 15:59	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 15:59	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 15:59	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 15:59	74-95-3	
Dichlorodifluoromethane	0.63J	ug/L	1.0	0.22	1		11/10/15 15:59	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 15:59	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 15:59	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 15:59	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	100-42-5	
Tetrachloroethene	2.3	ug/L	1.0	0.50	1		11/10/15 15:59	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 15:59	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 15:59	79-01-6	
Trichlorofluoromethane	0.22J	ug/L	1.0	0.18	1		11/10/15 15:59	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 15:59	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 15:59	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 15:59	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 15:59	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 15:59	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 15:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/10/15 15:59	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/10/15 15:59	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-23D **Lab ID: 40124357017** Collected: 11/05/15 14:35 Received: 11/07/15 08:59 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		11/10/15 16:21	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 16:21	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 16:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 16:21	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 16:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 16:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 16:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 16:21	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 16:21	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 16:21	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 16:21	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 16:21	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 16:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 16:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 16:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 16:21	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 16:21	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 16:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 16:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 16:21	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 16:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 16:21	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 16:21	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 16:21	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 16:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 16:21	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 16:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 16:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/15 16:21	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/10/15 16:21	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 16:21	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-25BR **Lab ID: 40124357018** Collected: 11/05/15 14:00 Received: 11/07/15 08:59 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		11/10/15 18:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 18:10	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 18:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 18:10	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 18:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 18:10	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 18:10	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 18:10	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 18:10	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 18:10	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 18:10	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 18:10	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 18:10	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 18:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 18:10	74-95-3	
Dichlorodifluoromethane	0.34J	ug/L	1.0	0.22	1		11/10/15 18:10	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 18:10	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 18:10	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 18:10	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	100-42-5	
Tetrachloroethene	0.63J	ug/L	1.0	0.50	1		11/10/15 18:10	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 18:10	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 18:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 18:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 18:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 18:10	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 18:10	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:10	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 18:10	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 18:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/10/15 18:10	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/10/15 18:10	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/10/15 18:10	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-31D **Lab ID: 40124357019** Collected: 11/05/15 12:27 Received: 11/07/15 08:59 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		11/10/15 18:32	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 18:32	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 18:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 18:32	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 18:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 18:32	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 18:32	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 18:32	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 18:32	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 18:32	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 18:32	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 18:32	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 18:32	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 18:32	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 18:32	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 18:32	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 18:32	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 18:32	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 18:32	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 18:32	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 18:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 18:32	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 18:32	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 18:32	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 18:32	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:32	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 18:32	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 18:32	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/10/15 18:32	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		11/10/15 18:32	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 18:32	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-18S **Lab ID: 40124357020** Collected: 11/05/15 14:45 Received: 11/07/15 08:59 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		11/10/15 18:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 18:54	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 18:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 18:54	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 18:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 18:54	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 18:54	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 18:54	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 18:54	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 18:54	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 18:54	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 18:54	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 18:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 18:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 18:54	74-95-3	
Dichlorodifluoromethane	1.1	ug/L	1.0	0.22	1		11/10/15 18:54	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 18:54	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 18:54	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 18:54	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	100-42-5	
Tetrachloroethene	10.3	ug/L	1.0	0.50	1		11/10/15 18:54	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 18:54	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	108-88-3	
Trichloroethene	1.0	ug/L	1.0	0.33	1		11/10/15 18:54	79-01-6	
Trichlorofluoromethane	0.21J	ug/L	1.0	0.18	1		11/10/15 18:54	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 18:54	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 18:54	1330-20-7	
cis-1,2-Dichloroethene	0.54J	ug/L	1.0	0.26	1		11/10/15 18:54	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 18:54	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 18:54	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 18:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/10/15 18:54	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/10/15 18:54	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/10/15 18:54	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-18S DUP **Lab ID: 40124357021** Collected: 11/05/15 14:45 Received: 11/07/15 08:59 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		11/10/15 14:31	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 14:31	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 14:31	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 14:31	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 14:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 14:31	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 14:31	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 14:31	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 14:31	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 14:31	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 14:31	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 14:31	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 14:31	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 14:31	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 14:31	74-95-3	
Dichlorodifluoromethane	2.7	ug/L	1.0	0.22	1		11/10/15 14:31	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 14:31	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 14:31	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 14:31	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	100-42-5	
Tetrachloroethene	9.5	ug/L	1.0	0.50	1		11/10/15 14:31	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 14:31	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	108-88-3	
Trichloroethene	0.95J	ug/L	1.0	0.33	1		11/10/15 14:31	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 14:31	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 14:31	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 14:31	1330-20-7	
cis-1,2-Dichloroethene	0.42J	ug/L	1.0	0.26	1		11/10/15 14:31	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:31	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:31	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 14:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/15 14:31	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		11/10/15 14:31	1868-53-7	
Toluene-d8 (S)	112	%	70-130		1		11/10/15 14:31	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-17S **Lab ID: 40124357022** Collected: 11/05/15 15:45 Received: 11/07/15 08:59 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		11/10/15 09:49	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 09:49	79-00-5	
1,1-Dichloroethane	1.2	ug/L	1.0	0.24	1		11/10/15 09:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 09:49	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 09:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 09:49	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 09:49	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 09:49	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 09:49	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 09:49	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 09:49	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 09:49	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 09:49	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 09:49	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 09:49	74-95-3	
Dichlorodifluoromethane	2.2	ug/L	1.0	0.22	1		11/10/15 09:49	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 09:49	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 09:49	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 09:49	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	100-42-5	
Tetrachloroethene	3.2	ug/L	1.0	0.50	1		11/10/15 09:49	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 09:49	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	108-88-3	
Trichloroethene	1.8	ug/L	1.0	0.33	1		11/10/15 09:49	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 09:49	75-69-4	
Vinyl chloride	0.77J	ug/L	1.0	0.18	1		11/10/15 09:49	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 09:49	1330-20-7	
cis-1,2-Dichloroethene	16.6	ug/L	1.0	0.26	1		11/10/15 09:49	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 09:49	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 09:49	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 09:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		11/10/15 09:49	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		11/10/15 09:49	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		11/10/15 09:49	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-25D **Lab ID: 40124357023** Collected: 11/05/15 13:59 Received: 11/07/15 08:59 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		11/10/15 13:04	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 13:04	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 13:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 13:04	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 13:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 13:04	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 13:04	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 13:04	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 13:04	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 13:04	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 13:04	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 13:04	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 13:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 13:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 13:04	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 13:04	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 13:04	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 13:04	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 13:04	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 13:04	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 13:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 13:04	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 13:04	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 13:04	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:04	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:04	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:04	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 13:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/15 13:04	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/10/15 13:04	1868-53-7	
Toluene-d8 (S)	112	%	70-130		1		11/10/15 13:04	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-311B **Lab ID: 40124357024** Collected: 11/05/15 12:55 Received: 11/07/15 08:59 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		11/10/15 13:26	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 13:26	79-00-5	
1,1-Dichloroethane	0.25J	ug/L	1.0	0.24	1		11/10/15 13:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 13:26	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 13:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 13:26	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 13:26	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 13:26	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 13:26	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 13:26	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 13:26	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 13:26	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 13:26	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 13:26	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 13:26	74-95-3	
Dichlorodifluoromethane	2.4	ug/L	1.0	0.22	1		11/10/15 13:26	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 13:26	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 13:26	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 13:26	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	100-42-5	
Tetrachloroethene	2.8	ug/L	1.0	0.50	1		11/10/15 13:26	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 13:26	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	108-88-3	
Trichloroethene	0.74J	ug/L	1.0	0.33	1		11/10/15 13:26	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 13:26	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 13:26	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 13:26	1330-20-7	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.26	1		11/10/15 13:26	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:26	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:26	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 13:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		11/10/15 13:26	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/10/15 13:26	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		11/10/15 13:26	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-311A **Lab ID: 40124357025** Collected: 11/05/15 12:35 Received: 11/07/15 08:59 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		11/10/15 13:48	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 13:48	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 13:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 13:48	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 13:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 13:48	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 13:48	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 13:48	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 13:48	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 13:48	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 13:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 13:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 13:48	74-95-3	
Dichlorodifluoromethane	2.4	ug/L	1.0	0.22	1		11/10/15 13:48	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 13:48	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 13:48	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	100-42-5	
Tetrachloroethene	4.0	ug/L	1.0	0.50	1		11/10/15 13:48	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 13:48	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	108-88-3	
Trichloroethene	0.84J	ug/L	1.0	0.33	1		11/10/15 13:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 13:48	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 13:48	1330-20-7	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.26	1		11/10/15 13:48	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 13:48	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 13:48	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 13:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/15 13:48	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		11/10/15 13:48	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/10/15 13:48	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: P-311A DUP **Lab ID: 40124357026** Collected: 11/05/15 12:35 Received: 11/07/15 08:59 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		11/10/15 14:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 14:10	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 14:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 14:10	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 14:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 14:10	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 14:10	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 14:10	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 14:10	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 14:10	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 14:10	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 14:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 14:10	74-95-3	
Dichlorodifluoromethane	2.4	ug/L	1.0	0.22	1		11/10/15 14:10	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 14:10	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 14:10	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	100-42-5	
Tetrachloroethene	3.2	ug/L	1.0	0.50	1		11/10/15 14:10	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 14:10	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	108-88-3	
Trichloroethene	0.81J	ug/L	1.0	0.33	1		11/10/15 14:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 14:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 14:10	1330-20-7	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.26	1		11/10/15 14:10	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 14:10	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 14:10	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 14:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/15 14:10	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		11/10/15 14:10	1868-53-7	
Toluene-d8 (S)	110	%	70-130		1		11/10/15 14:10	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: **7911 DEER RUN** Lab ID: **40124357027** Collected: 11/06/15 11:57 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<2.3	ug/L	7.7	2.3	1		11/17/15 23:31	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/17/15 23:31	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/17/15 23:31	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/17/15 23:31	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/17/15 23:31	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/17/15 23:31	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/17/15 23:31	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/17/15 23:31	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/17/15 23:31	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/17/15 23:31	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/17/15 23:31	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/17/15 23:31	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/17/15 23:31	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/17/15 23:31	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/17/15 23:31	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/17/15 23:31	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/17/15 23:31	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/17/15 23:31	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/17/15 23:31	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/17/15 23:31	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/17/15 23:31	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/17/15 23:31	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/17/15 23:31	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/17/15 23:31	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/17/15 23:31	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/17/15 23:31	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/17/15 23:31	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/17/15 23:31	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/17/15 23:31	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/17/15 23:31	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/17/15 23:31	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/17/15 23:31	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/17/15 23:31	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/17/15 23:31	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/17/15 23:31	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/17/15 23:31	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/17/15 23:31	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/17/15 23:31	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/17/15 23:31	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/17/15 23:31	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/17/15 23:31	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/17/15 23:31	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		11/17/15 23:31	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/17/15 23:31	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/17/15 23:31	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Project No.: 40124357

Sample: **7892 DEER RUN** Lab ID: **40124357028** Collected: 11/06/15 11:45 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/17/15 23:57	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/17/15 23:57	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/17/15 23:57	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/17/15 23:57	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/17/15 23:57	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/17/15 23:57	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/17/15 23:57	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/17/15 23:57	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/17/15 23:57	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/17/15 23:57	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/17/15 23:57	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/17/15 23:57	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/17/15 23:57	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/17/15 23:57	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/17/15 23:57	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/17/15 23:57	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/17/15 23:57	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/17/15 23:57	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/17/15 23:57	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/17/15 23:57	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/17/15 23:57	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/17/15 23:57	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/17/15 23:57	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/17/15 23:57	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/17/15 23:57	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/17/15 23:57	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/17/15 23:57	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/17/15 23:57	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/17/15 23:57	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/17/15 23:57	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/17/15 23:57	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/17/15 23:57	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/17/15 23:57	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/17/15 23:57	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/17/15 23:57	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/17/15 23:57	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/17/15 23:57	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/17/15 23:57	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/17/15 23:57	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/17/15 23:57	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/17/15 23:57	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/17/15 23:57	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/17/15 23:57	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/17/15 23:57	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/17/15 23:57	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: 7873 DEER RUN **Lab ID: 40124357029** Collected: 11/06/15 11:31 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 00:23	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 00:23	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 00:23	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 00:23	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 00:23	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 00:23	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 00:23	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 00:23	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 00:23	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 00:23	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 00:23	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 00:23	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 00:23	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 00:23	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 00:23	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 00:23	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 00:23	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 00:23	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 00:23	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 00:23	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 00:23	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 00:23	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 00:23	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 00:23	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 00:23	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 00:23	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 00:23	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 00:23	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 00:23	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 00:23	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 00:23	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 00:23	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 00:23	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 00:23	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 00:23	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 00:23	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 00:23	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 00:23	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 00:23	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 00:23	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 00:23	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 00:23	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/18/15 00:23	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/18/15 00:23	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/15 00:23	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Project No.: 40124357

Sample: 4314 FAWN CT Lab ID: 40124357030 Collected: 11/06/15 11:18 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 00:48	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 00:48	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 00:48	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 00:48	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 00:48	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 00:48	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 00:48	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 00:48	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 00:48	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 00:48	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 00:48	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 00:48	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 00:48	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 00:48	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 00:48	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 00:48	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 00:48	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 00:48	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 00:48	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 00:48	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 00:48	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 00:48	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 00:48	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 00:48	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 00:48	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 00:48	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 00:48	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 00:48	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 00:48	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 00:48	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 00:48	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 00:48	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 00:48	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 00:48	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 00:48	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 00:48	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 00:48	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 00:48	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 00:48	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 00:48	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 00:48	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 00:48	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		11/18/15 00:48	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/18/15 00:48	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/15 00:48	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Project No.: 40124357

Sample: 4310 FAWN CT Lab ID: 40124357031 Collected: 11/06/15 11:09 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 01:14	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 01:14	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 01:14	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 01:14	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 01:14	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 01:14	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 01:14	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 01:14	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 01:14	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 01:14	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 01:14	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 01:14	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 01:14	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 01:14	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 01:14	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 01:14	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 01:14	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 01:14	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 01:14	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 01:14	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 01:14	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 01:14	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 01:14	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 01:14	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 01:14	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 01:14	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 01:14	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 01:14	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 01:14	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 01:14	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 01:14	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 01:14	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 01:14	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 01:14	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 01:14	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 01:14	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 01:14	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 01:14	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 01:14	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 01:14	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 01:14	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 01:14	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/18/15 01:14	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/18/15 01:14	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/15 01:14	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: 7785 LOW RD **Lab ID: 40124357032** Collected: 11/06/15 10:45 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 01:40	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 01:40	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 01:40	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 01:40	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 01:40	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 01:40	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 01:40	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 01:40	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 01:40	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 01:40	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 01:40	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 01:40	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 01:40	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 01:40	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 01:40	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 01:40	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 01:40	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 01:40	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 01:40	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 01:40	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 01:40	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 01:40	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 01:40	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 01:40	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 01:40	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 01:40	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 01:40	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 01:40	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 01:40	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 01:40	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 01:40	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 01:40	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 01:40	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 01:40	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 01:40	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 01:40	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 01:40	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 01:40	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 01:40	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 01:40	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 01:40	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 01:40	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/18/15 01:40	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/18/15 01:40	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/18/15 01:40	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: 7750 USH 14 Lab ID: 40124357033 Collected: 11/06/15 10:17 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 02:05	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:05	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:05	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 02:05	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:05	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 02:05	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 02:05	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 02:05	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:05	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:05	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 02:05	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 02:05	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 02:05	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:05	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 02:05	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 02:05	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:05	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:05	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:05	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 02:05	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 02:05	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 02:05	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:05	75-35-4	N2
cis-1,2-Dichloroethene	1.6	ug/L	0.67	0.20	1		11/18/15 02:05	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:05	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:05	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 02:05	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 02:05	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:05	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:05	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 02:05	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 02:05	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:05	100-42-5	N2
Tetrachloroethene	2.4	ug/L	1.1	0.32	1		11/18/15 02:05	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 02:05	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:05	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 02:05	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:05	79-00-5	N2
Trichloroethene	0.52J	ug/L	0.70	0.21	1		11/18/15 02:05	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 02:05	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:05	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 02:05	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/18/15 02:05	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/18/15 02:05	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/15 02:05	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: **7734 USH 14** Lab ID: **40124357034** Collected: 11/06/15 09:59 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 02:31	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:31	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:31	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 02:31	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:31	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 02:31	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 02:31	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 02:31	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:31	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:31	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 02:31	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 02:31	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 02:31	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:31	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 02:31	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 02:31	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:31	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:31	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:31	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 02:31	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 02:31	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 02:31	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:31	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 02:31	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:31	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:31	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 02:31	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 02:31	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:31	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:31	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 02:31	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 02:31	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:31	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 02:31	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 02:31	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:31	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 02:31	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:31	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 02:31	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 02:31	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:31	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 02:31	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		11/18/15 02:31	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/18/15 02:31	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/18/15 02:31	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Project No.: 40124357

Sample: 7734 USH 14 DUP Lab ID: 40124357035 Collected: 11/06/15 09:59 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 02:57	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:57	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:57	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 02:57	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:57	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 02:57	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 02:57	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 02:57	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:57	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 02:57	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 02:57	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 02:57	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 02:57	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 02:57	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 02:57	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 02:57	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 02:57	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:57	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:57	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 02:57	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 02:57	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 02:57	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 02:57	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 02:57	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:57	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:57	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 02:57	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 02:57	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 02:57	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:57	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 02:57	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 02:57	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 02:57	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 02:57	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 02:57	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 02:57	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 02:57	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 02:57	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 02:57	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 02:57	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 02:57	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 02:57	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/18/15 02:57	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		11/18/15 02:57	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/15 02:57	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: 7902 USH 14 Lab ID: 40124357036 Collected: 11/06/15 10:29 Received: 11/07/15 08:59 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
Acetone	<2.3	ug/L	7.7	2.3	1		11/18/15 03:22	67-64-1	N2
Benzene	<0.17	ug/L	0.57	0.17	1		11/18/15 03:22	71-43-2	N2
Bromodichloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 03:22	75-27-4	N2
Bromoform	<0.12	ug/L	0.40	0.12	1		11/18/15 03:22	75-25-2	N2
Bromomethane	<0.24	ug/L	0.80	0.24	1		11/18/15 03:22	74-83-9	N2
2-Butanone (MEK)	<1.9	ug/L	6.3	1.9	1		11/18/15 03:22	78-93-3	N2
Carbon disulfide	<0.40	ug/L	1.3	0.40	1		11/18/15 03:22	75-15-0	N2
Carbon tetrachloride	<0.18	ug/L	0.60	0.18	1		11/18/15 03:22	56-23-5	N2
Chlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 03:22	108-90-7	N2
Chloroethane	<0.24	ug/L	0.80	0.24	1		11/18/15 03:22	75-00-3	N2
Chloroform	<0.17	ug/L	0.57	0.17	1		11/18/15 03:22	67-66-3	N2
Chloromethane	<0.23	ug/L	0.77	0.23	1		11/18/15 03:22	74-87-3	N2
1,2-Dibromo-3-chloropropane	<0.21	ug/L	0.70	0.21	1		11/18/15 03:22	96-12-8	N2
Dibromochloromethane	<0.12	ug/L	0.40	0.12	1		11/18/15 03:22	124-48-1	N2
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.63	0.19	1		11/18/15 03:22	106-93-4	N2
Dibromomethane	<0.19	ug/L	0.63	0.19	1		11/18/15 03:22	74-95-3	N2
1,2-Dichlorobenzene	<0.12	ug/L	0.40	0.12	1		11/18/15 03:22	95-50-1	N2
1,3-Dichlorobenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 03:22	541-73-1	N2
1,4-Dichlorobenzene	<0.16	ug/L	0.53	0.16	1		11/18/15 03:22	106-46-7	N2
Dichlorodifluoromethane	<0.27	ug/L	0.90	0.27	1		11/18/15 03:22	75-71-8	N2
1,1-Dichloroethane	<0.17	ug/L	0.57	0.17	1		11/18/15 03:22	75-34-3	N2
1,2-Dichloroethane	<0.15	ug/L	0.50	0.15	1		11/18/15 03:22	107-06-2	N2
1,1-Dichloroethene	<0.17	ug/L	0.57	0.17	1		11/18/15 03:22	75-35-4	N2
cis-1,2-Dichloroethene	<0.20	ug/L	0.67	0.20	1		11/18/15 03:22	156-59-2	N2
trans-1,2-Dichloroethene	<0.19	ug/L	0.63	0.19	1		11/18/15 03:22	156-60-5	N2
1,2-Dichloropropane	<0.16	ug/L	0.53	0.16	1		11/18/15 03:22	78-87-5	N2
cis-1,3-Dichloropropene	<0.15	ug/L	0.50	0.15	1		11/18/15 03:22	10061-01-5	N2
trans-1,3-Dichloropropene	<0.20	ug/L	0.67	0.20	1		11/18/15 03:22	10061-02-6	N2
Ethylbenzene	<0.18	ug/L	0.60	0.18	1		11/18/15 03:22	100-41-4	N2
Methylene Chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 03:22	75-09-2	N2
Methyl-tert-butyl ether	<0.31	ug/L	1.0	0.31	1		11/18/15 03:22	1634-04-4	N2
Naphthalene	<0.25	ug/L	0.83	0.25	1		11/18/15 03:22	91-20-3	N2
Styrene	<0.16	ug/L	0.53	0.16	1		11/18/15 03:22	100-42-5	N2
Tetrachloroethene	<0.32	ug/L	1.1	0.32	1		11/18/15 03:22	127-18-4	N2
Tetrahydrofuran	<0.50	ug/L	23.3	0.50	1		11/18/15 03:22	109-99-9	N2
Toluene	<0.19	ug/L	0.63	0.19	1		11/18/15 03:22	108-88-3	N2
1,1,1-Trichloroethane	<0.20	ug/L	0.67	0.20	1		11/18/15 03:22	71-55-6	N2
1,1,2-Trichloroethane	<0.16	ug/L	0.53	0.16	1		11/18/15 03:22	79-00-5	N2
Trichloroethene	<0.21	ug/L	0.70	0.21	1		11/18/15 03:22	79-01-6	N2
Trichlorofluoromethane	<0.36	ug/L	1.2	0.36	1		11/18/15 03:22	75-69-4	N2
Vinyl chloride	<0.23	ug/L	0.77	0.23	1		11/18/15 03:22	75-01-4	N2
Xylene (Total)	<0.57	ug/L	1.9	0.57	1		11/18/15 03:22	1330-20-7	N2
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/18/15 03:22	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		11/18/15 03:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/18/15 03:22	2037-26-5	

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ANALYTICAL RESULTS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Sample: TRIP BLANK **Lab ID: 40124357037** Collected: 11/06/15 00:00 Received: 11/07/15 08:59 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		11/10/15 11:37	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		11/10/15 11:37	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		11/10/15 11:37	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		11/10/15 11:37	75-35-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		11/10/15 11:37	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		11/10/15 11:37	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	78-87-5	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		11/10/15 11:37	78-93-3	
Acetone	<3.0	ug/L	20.0	3.0	1		11/10/15 11:37	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		11/10/15 11:37	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		11/10/15 11:37	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		11/10/15 11:37	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		11/10/15 11:37	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		11/10/15 11:37	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		11/10/15 11:37	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	100-41-4	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		11/10/15 11:37	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		11/10/15 11:37	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		11/10/15 11:37	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		11/10/15 11:37	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		11/10/15 11:37	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		11/10/15 11:37	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:37	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		11/10/15 11:37	10061-01-5	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		11/10/15 11:37	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		11/10/15 11:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		11/10/15 11:37	460-00-4	HS
Dibromofluoromethane (S)	106	%	70-130		1		11/10/15 11:37	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		11/10/15 11:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

QC Batch: MSV/83761

Analysis Method: EPA 524.2

QC Batch Method: EPA 524.2

Analysis Description: 524.2 MSV

Associated Lab Samples: 40124357027, 40124357028, 40124357029, 40124357030, 40124357031, 40124357032, 40124357033, 40124357034, 40124357035, 40124357036

METHOD BLANK: 1426409

Matrix: Water

Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	0.67	11/17/15 23:06	N2
1,1,2-Trichloroethane	ug/L	<0.16	0.53	11/17/15 23:06	N2
1,1-Dichloroethane	ug/L	<0.17	0.57	11/17/15 23:06	N2
1,1-Dichloroethene	ug/L	<0.17	0.57	11/17/15 23:06	N2
1,2-Dibromo-3-chloropropane	ug/L	<0.21	0.70	11/17/15 23:06	N2
1,2-Dibromoethane (EDB)	ug/L	<0.19	0.63	11/17/15 23:06	N2
1,2-Dichlorobenzene	ug/L	<0.12	0.40	11/17/15 23:06	N2
1,2-Dichloroethane	ug/L	<0.15	0.50	11/17/15 23:06	N2
1,2-Dichloropropane	ug/L	<0.16	0.53	11/17/15 23:06	N2
1,3-Dichlorobenzene	ug/L	<0.18	0.60	11/17/15 23:06	N2
1,4-Dichlorobenzene	ug/L	<0.16	0.53	11/17/15 23:06	N2
2-Butanone (MEK)	ug/L	<1.9	6.3	11/17/15 23:06	N2
Acetone	ug/L	<2.3	7.7	11/17/15 23:06	N2
Benzene	ug/L	<0.17	0.57	11/17/15 23:06	N2
Bromodichloromethane	ug/L	<0.12	0.40	11/17/15 23:06	N2
Bromoform	ug/L	<0.12	0.40	11/17/15 23:06	N2
Bromomethane	ug/L	<0.24	0.80	11/17/15 23:06	N2
Carbon disulfide	ug/L	<0.40	1.3	11/17/15 23:06	N2
Carbon tetrachloride	ug/L	<0.18	0.60	11/17/15 23:06	N2
Chlorobenzene	ug/L	<0.12	0.40	11/17/15 23:06	N2
Chloroethane	ug/L	<0.24	0.80	11/17/15 23:06	N2
Chloroform	ug/L	<0.17	0.57	11/17/15 23:06	N2
Chloromethane	ug/L	<0.23	0.77	11/17/15 23:06	N2
cis-1,2-Dichloroethene	ug/L	<0.20	0.67	11/17/15 23:06	N2
cis-1,3-Dichloropropene	ug/L	<0.15	0.50	11/17/15 23:06	N2
Dibromochloromethane	ug/L	<0.12	0.40	11/17/15 23:06	N2
Dibromomethane	ug/L	<0.19	0.63	11/17/15 23:06	N2
Dichlorodifluoromethane	ug/L	<0.27	0.90	11/17/15 23:06	N2
Ethylbenzene	ug/L	<0.18	0.60	11/17/15 23:06	N2
Methyl-tert-butyl ether	ug/L	<0.31	1.0	11/17/15 23:06	N2
Methylene Chloride	ug/L	<0.23	0.77	11/17/15 23:06	N2
Naphthalene	ug/L	<0.25	0.83	11/17/15 23:06	N2
Styrene	ug/L	<0.16	0.53	11/17/15 23:06	N2
Tetrachloroethene	ug/L	<0.32	1.1	11/17/15 23:06	N2
Tetrahydrofuran	ug/L	<0.50	23.3	11/17/15 23:06	N2
Toluene	ug/L	<0.19	0.63	11/17/15 23:06	N2
trans-1,2-Dichloroethene	ug/L	<0.19	0.63	11/17/15 23:06	N2
trans-1,3-Dichloropropene	ug/L	<0.20	0.67	11/17/15 23:06	N2
Trichloroethene	ug/L	<0.21	0.70	11/17/15 23:06	N2
Trichlorofluoromethane	ug/L	<0.36	1.2	11/17/15 23:06	N2

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

METHOD BLANK: 1426409

Matrix: Water

Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.23	0.77	11/17/15 23:06	N2
Xylene (Total)	ug/L	<0.57	1.9	11/17/15 23:06	N2
4-Bromofluorobenzene (S)	%	95	70-130	11/17/15 23:06	
Dibromofluoromethane (S)	%	98	70-130	11/17/15 23:06	
Toluene-d8 (S)	%	102	70-130	11/17/15 23:06	

LABORATORY CONTROL SAMPLE: 1426410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	N2
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	N2
1,1-Dichloroethane	ug/L	50	49.5	99	70-130	N2
1,1-Dichloroethene	ug/L	50	54.9	110	70-130	N2
1,2-Dibromo-3-chloropropane	ug/L	50	38.7	77	70-130	N2
1,2-Dibromoethane (EDB)	ug/L	50	50.6	101	70-130	N2
1,2-Dichlorobenzene	ug/L	50	50.6	101	70-130	N2
1,2-Dichloroethane	ug/L	50	46.5	93	70-130	N2
1,2-Dichloropropane	ug/L	50	53.9	108	70-130	N2
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	N2
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	N2
2-Butanone (MEK)	ug/L	250	244	98	70-130	N2
Acetone	ug/L	250	220	88	70-130	N2
Benzene	ug/L	50	50.8	102	70-130	N2
Bromodichloromethane	ug/L	50	51.1	102	70-130	N2
Bromoform	ug/L	50	44.1	88	70-130	N2
Bromomethane	ug/L	50	53.2	106	70-130	N2
Carbon disulfide	ug/L	50	63.6	127	70-130	N2
Carbon tetrachloride	ug/L	50	48.2	96	70-130	N2
Chlorobenzene	ug/L	50	50.1	100	70-130	N2
Chloroethane	ug/L	50	48.5	97	70-130	N2
Chloroform	ug/L	50	48.7	97	70-130	N2
Chloromethane	ug/L	50	51.7	103	70-130	N2
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	N2
cis-1,3-Dichloropropene	ug/L	50	51.3	103	70-130	N2
Dibromochloromethane	ug/L	50	49.6	99	70-130	N2
Dibromomethane	ug/L	50	51.1	102	70-130	N2
Dichlorodifluoromethane	ug/L	50	50.8	102	70-130	N2
Ethylbenzene	ug/L	50	52.2	104	70-130	N2
Methyl-tert-butyl ether	ug/L	50	47.1	94	70-130	N2
Methylene Chloride	ug/L	50	49.8	100	70-130	N2
Naphthalene	ug/L	50	45.4	91	70-130	N2
Styrene	ug/L	50	53.0	106	70-130	N2
Tetrachloroethene	ug/L	50	48.8	98	70-130	N2
Tetrahydrofuran	ug/L	50	40.9	82	70-130	N2

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

LABORATORY CONTROL SAMPLE: 1426410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.7	103	70-130	N2
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	N2
trans-1,3-Dichloropropene	ug/L	50	44.5	89	70-130	N2
Trichloroethene	ug/L	50	50.8	102	70-130	N2
Trichlorofluoromethane	ug/L	50	55.8	112	70-130	N2
Vinyl chloride	ug/L	50	49.9	100	70-130	N2
Xylene (Total)	ug/L	150	153	102	70-130	N2
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

QC Batch: MSV/31145 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40124357001, 40124357002, 40124357003, 40124357004, 40124357005, 40124357006, 40124357007, 40124357008, 40124357009, 40124357010, 40124357011, 40124357012, 40124357013, 40124357014, 40124357015, 40124357016, 40124357017, 40124357018, 40124357019, 40124357020

METHOD BLANK: 1254804 Matrix: Water
Associated Lab Samples: 40124357001, 40124357002, 40124357003, 40124357004, 40124357005, 40124357006, 40124357007, 40124357008, 40124357009, 40124357010, 40124357011, 40124357012, 40124357013, 40124357014, 40124357015, 40124357016, 40124357017, 40124357018, 40124357019, 40124357020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	11/10/15 07:15	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	11/10/15 07:15	
1,1-Dichloroethane	ug/L	<0.24	1.0	11/10/15 07:15	
1,1-Dichloroethene	ug/L	<0.41	1.0	11/10/15 07:15	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	11/10/15 07:15	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	11/10/15 07:15	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 07:15	
1,2-Dichloroethane	ug/L	<0.17	1.0	11/10/15 07:15	
1,2-Dichloropropane	ug/L	<0.23	1.0	11/10/15 07:15	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 07:15	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 07:15	
2-Butanone (MEK)	ug/L	<3.0	20.0	11/10/15 07:15	
Acetone	ug/L	<3.0	20.0	11/10/15 07:15	
Benzene	ug/L	<0.50	1.0	11/10/15 07:15	
Bromodichloromethane	ug/L	<0.50	1.0	11/10/15 07:15	
Bromoform	ug/L	<0.50	1.0	11/10/15 07:15	
Bromomethane	ug/L	<2.4	5.0	11/10/15 07:15	
Carbon disulfide	ug/L	<0.61	5.0	11/10/15 07:15	
Carbon tetrachloride	ug/L	<0.50	1.0	11/10/15 07:15	
Chlorobenzene	ug/L	<0.50	1.0	11/10/15 07:15	
Chloroethane	ug/L	<0.37	1.0	11/10/15 07:15	
Chloroform	ug/L	<2.5	5.0	11/10/15 07:15	
Chloromethane	ug/L	<0.50	1.0	11/10/15 07:15	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	11/10/15 07:15	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	11/10/15 07:15	
Dibromochloromethane	ug/L	<0.50	1.0	11/10/15 07:15	
Dibromomethane	ug/L	<0.43	1.0	11/10/15 07:15	
Dichlorodifluoromethane	ug/L	<0.22	1.0	11/10/15 07:15	
Ethylbenzene	ug/L	<0.50	1.0	11/10/15 07:15	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	11/10/15 07:15	
Methylene Chloride	ug/L	<0.23	1.0	11/10/15 07:15	
Naphthalene	ug/L	<2.5	5.0	11/10/15 07:15	
Styrene	ug/L	<0.50	1.0	11/10/15 07:15	
Tetrachloroethene	ug/L	<0.50	1.0	11/10/15 07:15	
Tetrahydrofuran	ug/L	<2.0	5.0	11/10/15 07:15	
Toluene	ug/L	<0.50	1.0	11/10/15 07:15	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	11/10/15 07:15	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	11/10/15 07:15	

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

METHOD BLANK: 1254804

Matrix: Water

Associated Lab Samples: 40124357001, 40124357002, 40124357003, 40124357004, 40124357005, 40124357006, 40124357007, 40124357008, 40124357009, 40124357010, 40124357011, 40124357012, 40124357013, 40124357014, 40124357015, 40124357016, 40124357017, 40124357018, 40124357019, 40124357020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	11/10/15 07:15	
Trichlorofluoromethane	ug/L	<0.18	1.0	11/10/15 07:15	
Vinyl chloride	ug/L	<0.18	1.0	11/10/15 07:15	
Xylene (Total)	ug/L	<1.5	3.0	11/10/15 07:15	
4-Bromofluorobenzene (S)	%	96	70-130	11/10/15 07:15	
Dibromofluoromethane (S)	%	99	70-130	11/10/15 07:15	
Toluene-d8 (S)	%	102	70-130	11/10/15 07:15	

LABORATORY CONTROL SAMPLE: 1254805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethene	ug/L	50	51.2	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.8	82	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	70-130	
1,2-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,2-Dichloroethane	ug/L	50	52.7	105	70-131	
1,2-Dichloropropane	ug/L	50	50.8	102	70-130	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	50.2	100	70-130	
Benzene	ug/L	50	50.6	101	70-130	
Bromodichloromethane	ug/L	50	44.0	88	70-130	
Bromoform	ug/L	50	41.7	83	68-130	
Bromomethane	ug/L	50	36.1	72	38-137	
Carbon disulfide	ug/L	50	51.4	103	70-154	
Carbon tetrachloride	ug/L	50	42.8	86	70-130	
Chlorobenzene	ug/L	50	49.7	99	70-130	
Chloroethane	ug/L	50	46.3	93	70-136	
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	38.3	77	48-144	
cis-1,2-Dichloroethene	ug/L	50	40.4	81	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Dibromochloromethane	ug/L	50	43.3	87	70-130	
Dichlorodifluoromethane	ug/L	50	29.5	59	33-157	
Ethylbenzene	ug/L	50	48.2	96	70-132	
Methyl-tert-butyl ether	ug/L	50	47.3	95	48-141	
Methylene Chloride	ug/L	50	53.2	106	70-130	
Styrene	ug/L	50	47.8	96	70-130	
Tetrachloroethene	ug/L	50	46.1	92	70-130	
Toluene	ug/L	50	48.5	97	70-130	

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

LABORATORY CONTROL SAMPLE: 1254805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	70-130	
Trichloroethene	ug/L	50	48.5	97	70-130	
Trichlorofluoromethane	ug/L	50	49.3	99	50-150	
Vinyl chloride	ug/L	50	48.0	96	65-142	
Xylene (Total)	ug/L	150	146	98	70-132	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1255985 1255986

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40124357001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	50.8	41.4	102	83	70-130	20	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	55.1	47.6	110	95	70-130	15	20
1,1-Dichloroethane	ug/L	<0.24	50	50	56.9	49.3	114	99	70-134	14	20
1,1-Dichloroethene	ug/L	<0.41	50	50	56.9	49.2	114	98	70-139	15	20
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	43.6	41.0	87	82	50-150	6	20
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.0	45.9	106	92	70-130	14	20
1,2-Dichlorobenzene	ug/L	<0.50	50	50	53.8	44.8	108	90	70-130	18	20
1,2-Dichloroethane	ug/L	<0.17	50	50	56.6	47.6	113	95	70-132	17	20
1,2-Dichloropropane	ug/L	<0.23	50	50	54.8	46.3	110	93	70-130	17	20
1,3-Dichlorobenzene	ug/L	<0.50	50	50	54.4	44.7	109	89	70-130	19	20
1,4-Dichlorobenzene	ug/L	<0.50	50	50	56.4	47.1	113	94	70-130	18	20
Benzene	ug/L	<0.50	50	50	56.1	46.3	112	93	70-130	19	20
Bromodichloromethane	ug/L	<0.50	50	50	49.5	41.3	99	83	70-132	18	20
Bromoform	ug/L	<0.50	50	50	45.1	37.9	90	76	68-130	18	20
Bromomethane	ug/L	<2.4	50	50	40.7	37.6	81	75	38-141	8	20
Carbon disulfide	ug/L	<0.61	50	50	59.6	50.4	119	101	70-155	17	20
Carbon tetrachloride	ug/L	<0.50	50	50	48.9	39.8	98	80	70-130	20	20
Chlorobenzene	ug/L	<0.50	50	50	55.7	46.7	111	93	70-130	18	20
Chloroethane	ug/L	<0.37	50	50	48.0	43.4	96	87	66-152	10	20
Chloroform	ug/L	<2.5	50	50	58.1	47.9	116	96	70-130	19	20
Chloromethane	ug/L	<0.50	50	50	40.7	34.9	81	70	44-151	15	20
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	44.6	38.5	89	77	70-130	15	20
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.0	40.5	98	81	70-130	19	20
Dibromochloromethane	ug/L	<0.50	50	50	48.2	41.0	96	82	70-130	16	20
Dichlorodifluoromethane	ug/L	<0.22	50	50	29.7	25.4	59	51	29-160	16	20
Ethylbenzene	ug/L	<0.50	50	50	54.5	45.6	109	91	70-132	18	20
Methyl-tert-butyl ether	ug/L	<0.17	50	50	51.8	45.7	104	91	48-143	12	20
Methylene Chloride	ug/L	<0.23	50	50	57.5	50.5	115	101	70-130	13	20
Styrene	ug/L	<0.50	50	50	54.4	44.3	109	89	70-130	20	20
Tetrachloroethene	ug/L	<0.50	50	50	52.8	43.2	106	86	70-130	20	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1255985		1255986		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40124357001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Toluene	ug/L	<0.50	50	50	54.0	45.9	108	92	70-130	16	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	59.6	50.4	119	101	70-132	17	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.4	39.0	95	78	70-130	19	20		
Trichloroethene	ug/L	<0.33	50	50	55.4	45.5	111	91	70-130	20	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	54.3	46.6	109	93	50-153	15	20		
Vinyl chloride	ug/L	<0.18	50	50	51.9	44.8	104	90	60-155	15	20		
Xylene (Total)	ug/L	<1.5	150	150	163	136	109	91	70-132	18	20		
4-Bromofluorobenzene (S)	%						98	99	70-130				
Dibromofluoromethane (S)	%						104	103	70-130				
Toluene-d8 (S)	%						100	102	70-130				

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015
Pace Project No.: 40124357

QC Batch: MSV/31149 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40124357021, 40124357022, 40124357023, 40124357024, 40124357025, 40124357026, 40124357037

METHOD BLANK: 1254855 Matrix: Water
Associated Lab Samples: 40124357021, 40124357022, 40124357023, 40124357024, 40124357025, 40124357026, 40124357037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	11/10/15 06:52	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	11/10/15 06:52	
1,1-Dichloroethane	ug/L	<0.24	1.0	11/10/15 06:52	
1,1-Dichloroethene	ug/L	<0.41	1.0	11/10/15 06:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	11/10/15 06:52	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	11/10/15 06:52	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 06:52	
1,2-Dichloroethane	ug/L	<0.17	1.0	11/10/15 06:52	
1,2-Dichloropropane	ug/L	<0.23	1.0	11/10/15 06:52	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 06:52	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	11/10/15 06:52	
2-Butanone (MEK)	ug/L	<3.0	20.0	11/10/15 06:52	
Acetone	ug/L	<3.0	20.0	11/10/15 06:52	
Benzene	ug/L	<0.50	1.0	11/10/15 06:52	
Bromodichloromethane	ug/L	<0.50	1.0	11/10/15 06:52	
Bromoform	ug/L	<0.50	1.0	11/10/15 06:52	
Bromomethane	ug/L	<2.4	5.0	11/10/15 06:52	
Carbon disulfide	ug/L	<0.61	5.0	11/10/15 06:52	
Carbon tetrachloride	ug/L	<0.50	1.0	11/10/15 06:52	
Chlorobenzene	ug/L	<0.50	1.0	11/10/15 06:52	
Chloroethane	ug/L	<0.37	1.0	11/10/15 06:52	
Chloroform	ug/L	<2.5	5.0	11/10/15 06:52	
Chloromethane	ug/L	<0.50	1.0	11/10/15 06:52	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	11/10/15 06:52	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	11/10/15 06:52	
Dibromochloromethane	ug/L	<0.50	1.0	11/10/15 06:52	
Dibromomethane	ug/L	<0.43	1.0	11/10/15 06:52	
Dichlorodifluoromethane	ug/L	<0.22	1.0	11/10/15 06:52	
Ethylbenzene	ug/L	<0.50	1.0	11/10/15 06:52	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	11/10/15 06:52	
Methylene Chloride	ug/L	<0.23	1.0	11/10/15 06:52	
Naphthalene	ug/L	<2.5	5.0	11/10/15 06:52	
Styrene	ug/L	<0.50	1.0	11/10/15 06:52	
Tetrachloroethene	ug/L	<0.50	1.0	11/10/15 06:52	
Tetrahydrofuran	ug/L	<2.0	5.0	11/10/15 06:52	
Toluene	ug/L	<0.50	1.0	11/10/15 06:52	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	11/10/15 06:52	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	11/10/15 06:52	
Trichloroethene	ug/L	<0.33	1.0	11/10/15 06:52	
Trichlorofluoromethane	ug/L	<0.18	1.0	11/10/15 06:52	
Vinyl chloride	ug/L	<0.18	1.0	11/10/15 06:52	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

METHOD BLANK: 1254855

Matrix: Water

Associated Lab Samples: 40124357021, 40124357022, 40124357023, 40124357024, 40124357025, 40124357026, 40124357037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	<1.5	3.0	11/10/15 06:52	
4-Bromofluorobenzene (S)	%	87	70-130	11/10/15 06:52	
Dibromofluoromethane (S)	%	105	70-130	11/10/15 06:52	
Toluene-d8 (S)	%	107	70-130	11/10/15 06:52	

LABORATORY CONTROL SAMPLE: 1254856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.6	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethene	ug/L	50	51.8	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.9	96	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	70-130	
1,2-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,2-Dichloroethane	ug/L	50	49.3	99	70-131	
1,2-Dichloropropane	ug/L	50	47.5	95	70-130	
1,3-Dichlorobenzene	ug/L	50	47.6	95	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	51.1	102	70-130	
Bromodichloromethane	ug/L	50	47.5	95	70-130	
Bromoform	ug/L	50	47.4	95	68-130	
Bromomethane	ug/L	50	31.0	62	38-137	
Carbon disulfide	ug/L	50	56.1	112	70-154	
Carbon tetrachloride	ug/L	50	52.1	104	70-130	
Chlorobenzene	ug/L	50	50.4	101	70-130	
Chloroethane	ug/L	50	42.2	84	70-136	
Chloroform	ug/L	50	51.2	102	70-130	
Chloromethane	ug/L	50	34.3	69	48-144	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	42.9	86	70-130	
Dibromochloromethane	ug/L	50	49.5	99	70-130	
Dichlorodifluoromethane	ug/L	50	25.0	50	33-157	
Ethylbenzene	ug/L	50	52.3	105	70-132	
Methyl-tert-butyl ether	ug/L	50	48.1	96	48-141	
Methylene Chloride	ug/L	50	49.7	99	70-130	
Styrene	ug/L	50	53.0	106	70-130	
Tetrachloroethene	ug/L	50	48.3	97	70-130	
Toluene	ug/L	50	51.5	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	70-130	
Trichloroethene	ug/L	50	49.3	99	70-130	
Trichlorofluoromethane	ug/L	50	51.7	103	50-150	
Vinyl chloride	ug/L	50	46.6	93	65-142	

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

LABORATORY CONTROL SAMPLE: 1254856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	157	105	70-132	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			106	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1255748 1255749

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40124357022 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	50.0	50.9	100	102	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.5	52.2	103	104	70-130	1	20	
1,1-Dichloroethane	ug/L	1.2	50	50	49.8	50.1	97	98	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	50.5	50.9	101	102	70-139	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	46.9	49.1	94	98	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	51.1	51.1	102	102	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	49.3	49.0	99	98	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	48.9	48.8	98	98	70-132	0	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	47.5	46.9	95	94	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	47.9	47.8	96	96	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.8	49.6	102	99	70-130	2	20	
Benzene	ug/L	<0.50	50	50	49.6	50.1	99	100	70-130	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	46.8	45.8	94	92	70-132	2	20	
Bromoform	ug/L	<0.50	50	50	48.9	49.6	98	99	68-130	1	20	
Bromomethane	ug/L	<2.4	50	50	36.0	35.1	72	70	38-141	3	20	
Carbon disulfide	ug/L	<0.61	50	50	55.2	55.0	110	110	70-155	0	20	
Carbon tetrachloride	ug/L	<0.50	50	50	51.0	51.5	102	103	70-130	1	20	
Chlorobenzene	ug/L	<0.50	50	50	49.4	50.4	99	101	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	40.8	42.5	82	85	66-152	4	20	
Chloroform	ug/L	<2.5	50	50	49.7	50.2	99	100	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	33.8	34.4	68	69	44-151	2	20	
cis-1,2-Dichloroethene	ug/L	16.6	50	50	64.8	66.6	96	100	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	41.8	41.9	84	84	70-130	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	49.7	50.0	99	100	70-130	1	20	
Dichlorodifluoromethane	ug/L	2.2	50	50	24.1	25.0	44	45	29-160	3	20	
Ethylbenzene	ug/L	<0.50	50	50	51.5	52.0	103	104	70-132	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	48.0	48.5	96	97	48-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	48.9	49.4	98	99	70-130	1	20	
Styrene	ug/L	<0.50	50	50	53.6	54.2	107	108	70-130	1	20	
Tetrachloroethene	ug/L	3.2	50	50	51.5	53.0	97	100	70-130	3	20	
Toluene	ug/L	<0.50	50	50	51.5	51.7	103	103	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	49.9	49.6	100	99	70-132	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	44.0	45.6	88	91	70-130	4	20	
Trichloroethene	ug/L	1.8	50	50	49.1	49.5	95	95	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	50.4	50.8	101	102	50-153	1	20	

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QUALITY CONTROL DATA

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Parameter	Units	40124357022		1255748		1255749		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Vinyl chloride	ug/L	0.77J	50	50	46.1	46.6	91	92	60-155	1	20			
Xylene (Total)	ug/L	<1.5	150	150	157	158	105	106	70-132	1	20			
4-Bromofluorobenzene (S)	%						101	102	70-130					
Dibromofluoromethane (S)	%						106	106	70-130					
Toluene-d8 (S)	%						107	108	70-130					

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QUALIFIERS

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-I Pace Analytical Services - Indianapolis

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RHL FALL GWS 2015

Pace Project No.: 40124357

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40124357027	7911 DEER RUN	EPA 524.2	MSV/83761		
40124357028	7892 DEER RUN	EPA 524.2	MSV/83761		
40124357029	7873 DEER RUN	EPA 524.2	MSV/83761		
40124357030	4314 FAWN CT	EPA 524.2	MSV/83761		
40124357031	4310 FAWN CT	EPA 524.2	MSV/83761		
40124357032	7785 LOW RD	EPA 524.2	MSV/83761		
40124357033	7750 USH 14	EPA 524.2	MSV/83761		
40124357034	7734 USH 14	EPA 524.2	MSV/83761		
40124357035	7734 USH 14 DUP	EPA 524.2	MSV/83761		
40124357036	7902 USH 14	EPA 524.2	MSV/83761		
40124357001	P-43S	EPA 8260	MSV/31145		
40124357002	P-43I	EPA 8260	MSV/31145		
40124357003	P-43D	EPA 8260	MSV/31145		
40124357004	P-22E	EPA 8260	MSV/31145		
40124357005	P-22D	EPA 8260	MSV/31145		
40124357006	P-26S	EPA 8260	MSV/31145		
40124357007	P-22S	EPA 8260	MSV/31145		
40124357008	P-30I	EPA 8260	MSV/31145		
40124357009	P-30I DUP	EPA 8260	MSV/31145		
40124357010	P-30D	EPA 8260	MSV/31145		
40124357011	P-40I	EPA 8260	MSV/31145		
40124357012	P-40D	EPA 8260	MSV/31145		
40124357013	P-27S	EPA 8260	MSV/31145		
40124357014	P-27D	EPA 8260	MSV/31145		
40124357015	P-23S	EPA 8260	MSV/31145		
40124357016	P-20SR	EPA 8260	MSV/31145		
40124357017	P-23D	EPA 8260	MSV/31145		
40124357018	P-25BR	EPA 8260	MSV/31145		
40124357019	P-31D	EPA 8260	MSV/31145		
40124357020	P-18S	EPA 8260	MSV/31145		
40124357021	P-18S DUP	EPA 8260	MSV/31149		
40124357022	P-17S	EPA 8260	MSV/31149		
40124357023	P-25D	EPA 8260	MSV/31149		
40124357024	P-31IB	EPA 8260	MSV/31149		
40124357025	P-31IA	EPA 8260	MSV/31149		
40124357026	P-31IA DUP	EPA 8260	MSV/31149		
40124357037	TRIP BLANK	EPA 8260	MSV/31149		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: **LBG**
 Branch/Location: **Madison WI**
 Project Contact: **Janifer Shelton**
 Phone: **608-310-7672**
 Project Number:
 Project Name: **RHL Fall GWS 2015**
 Project State: **WI**
 Sampled By (Print): **Jillian Notava**
 Sampled By (Sign): *Jillian E. Notava*



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

40124357

Page 58 of 61

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)*

Y/N	Pick Letter	Analyses Requested	Matrix Codes																	
			A	B	C	D	E	F	G	H	I	J								
N	B	VOC 8260																		
			X																	
			X																	

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

3-40ml VB

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	P-43S	11-3-5	10:18	GW
002	P-43 I		10:49	GW
003	P-43 D		11:46	
004	P-22 E		12:41	
005	P-22 D		12:57	
006	P-26 S		15:01	
007	P-22 S		13:09	
008	P-30 I	11/4/15	13:04	
009	DUP 1		13:04	
010	P-30 D		13:35	
011	P-40 I		14:16	
012	P-40 D		14:19	
013	P-27 S		15:23	

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

Relinquished By: *JGV* Date/Time: *11-6-15 12:50* Received By: Date/Time:
 Relinquished By: *FedEx* Date/Time: *11 7 15 0859* Received By: *maurimckay@pace 11 7 15 0859* Date/Time:
 Relinquished By: Date/Time: Received By: Date/Time:
 Relinquished By: Date/Time: Received By: Date/Time:
 Relinquished By: Date/Time: Received By: Date/Time:

PACE Project No. **40124357**
 Receipt Temp = **70.1** °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: 608 310 7672
 Project Number:
 Project Name: RHL Fall GWS 2015
 Project State: WI
 Sampled By (Print): Jillian E. Votaw
 Sampled By (Sign): *Jillian E. Votaw*
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

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)*

Y/N	Pick Letter	Analyzes Requested	Matrix Codes																		
			W	DW	GW	SW	WW	WP	A	B	C	O	S	Sl							
N	B	Residential VOC 541.2																			

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

Data Package Options
 EPA Level III
 EPA Level IV

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analyzes Requested
		DATE	TIME		
027	7911 Deer Run	11-6-15	11:57	GW	X
028	7892 Deer Run		11:45		
029	7873 Deer Run		11:31		
030	4314 Fawn Ct		11:18		
031	4310 Fawn Ct		11:09		
032	7785 Low Rd		10:45		
033	7750 USH 14		10:17		
034	7734 USH 14		9:59		
035	DUP 4		9:59		
036	7902 USH 14		10:29		
037	* Trip Blank				

CLIENT COMMENTS
LAB COMMENTS (Lab Use Only)
 Profile #

3-40mlVB
 4-40mlVB

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

Relinquished By: JEV Date/Time: 11-6-15 12:50
 Received By: Date/Time:
 Relinquished By: FedEx Date/Time: 11/7/15 08:59
 Received By: Mimi McKay Pace 11/7/15 08:59
 Relinquished By: Date/Time:
 Received By: Date/Time:
 Relinquished By: Date/Time:
 Received By: Date/Time:

PACE Project No.
 40124357
 Receipt Temp = 20.1 °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

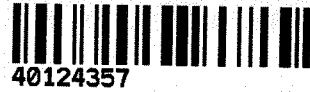
Sample Condition Upon Receipt

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



Project #:

WO#: 40124357



Client Name: LBG

Courier: Fed Ex UPS Client Pace Other:

Tracking #: 7749 1776 9827

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: 101 / Corr:

Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:

Date: 11-7-15

Initials: mm

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. project # mm11715
Chain of Custody Relinquished:	<input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. 008 - 3 vials ED'S on vials Dupl P. 30-I Dupl, 009 - ED on 3 vials
-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 P30I Dupl 026 - 3 vials ED P-31-2A Dupl
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
		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. 028 - 3 vials, 031 - 2 vials,
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. 036 - 1 vial mm11715
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>091415-300L</u>	

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

Ann H. Forom

Date:

11/7/15

ATTACHMENT 4

Summary of Groundwater Elevations – November 2015

ATTACHMENT 4

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

SUMMARY OF GROUNDWATER ELEVATIONS - NOVEMBER 2015

Monitoring Well	DNR ID	Depth to Water (ft)	Top of Well Elevation (msl-ft)	Groundwater Elevation (msl-ft)
P-1D	171	5.24	926.67	921.43
P-1S	172	5.96	924.39	918.43
P-3S	143	11.18	932.79	921.61
P-4S	173	7.72	929.89	922.17
P-8BR	126	8.75	929.52	920.77
P-8D	114	9.62	930.98	921.36
P-8S	125	10.32	932.50	922.18
P-9D	140	9.42	930.43	921.01
P-9S	139	10.48	932.09	921.61
P-16D	127	16.69	936.30	919.61
P-16S	142	dry	935.96	--
P-17S	128	153.98	1081.75	927.77
P-18S	129	99.02	1020.57	921.55
P-20SR	167	40.03	961.78	921.75
P-21BR	134	15.75	935.19	919.44
P-21D	113	15.60	935.81	920.21
P-21S	133	14.00	936.43	922.43
P-22D	136	175.63	1088.94	913.31
P-22S	135	174.57	1088.20	913.63
P-22E	174	176.38	1089.72	913.34
P-23D	138	40.30	961.53	921.23
P-23S	137	40.50	961.71	921.21
P-24D	115	6.20	927.25	921.05
P-24E	116	6.15	927.39	921.24
P-25BR	119	27.33	943.27	915.94
P-25D	118	28.27	943.86	915.59
P-25S	117	23.25	943.14	919.89
P-26D	120	225.23	1149.63	924.40
P-26S	141	221.39	1150.95	929.56
P-27D	122	177.02	1095.56	918.54
P-27S	121	176.51	1095.23	918.72
P-28S	123	201.64	1124.33	922.69
P-29S	168	238.99	1163.10	924.11
P-30D	169	23.34	932.97	909.63
P-30I	170	22.33	930.94	908.61
P-30S	144	22.46	932.61	910.15

ATTACHMENT 4

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

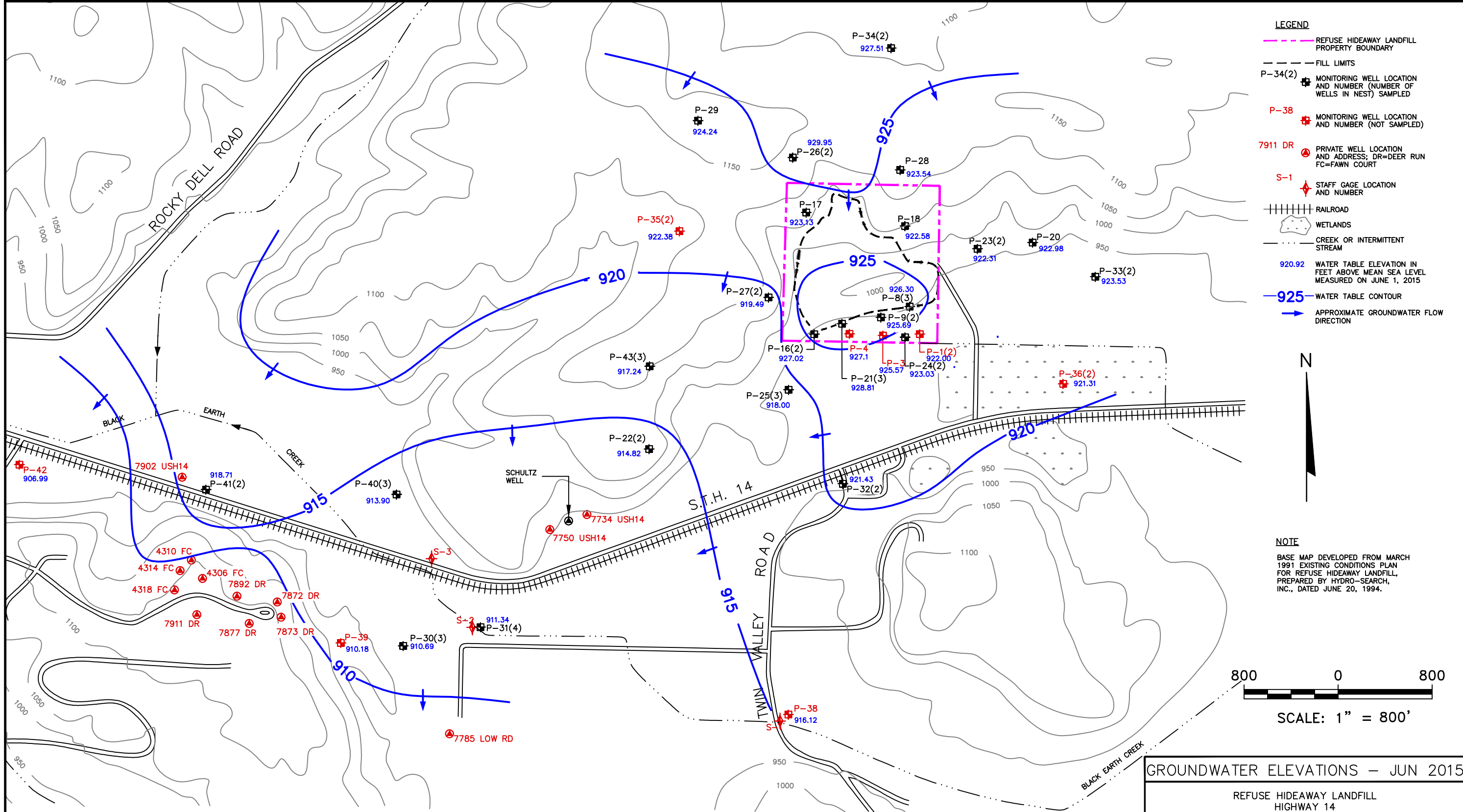
SUMMARY OF GROUNDWATER ELEVATIONS - NOVEMBER 2015

Monitoring Well	DNR ID	Depth to Water (ft)	Top of Well Elevation (msl-ft)	Groundwater Elevation (msl-ft)
P-31D*	145	--	915.72	--
P-31IA*	146	--	916.77	--
P-31IB*	147	--	916.49	--
P-31S	148	5.56	916.59	911.03
P-32D	149	23.66	942.66	919.00
P-32S	150	22.72	943.73	921.01
P-33D	152	6.81	928.50	921.69
P-33S	151	4.54	928.55	924.01
P-34D	153	166.49	1090.98	924.49
P-34S	154	163.88	1091.10	927.22
P-35D	155	168.17	1087.70	919.53
P-35S	156	166.63	1087.90	921.27
P-36D	157	3.00	924.34	921.34
P-36S	158	3.75	924.49	920.74
P-38S	159	7.31	923.21	915.90
P-39S	160	36.79	946.08	909.29
P-40D	161	13.14	922.98	909.84
P-40I	162	11.95	922.28	910.33
P-40S	163	11.48	922.01	910.53
P-41D	165	18.51	924.82	906.31
P-41S	164	13.83	925.58	911.75
P-42S	166	12.95	917.62	904.67
P-43S	175	194.09	1110.60	916.51
P-43I	176	194.38	1110.24	915.86
P-43D	177	193.69	1109.92	916.23

- : 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.

ATTACHMENT 5

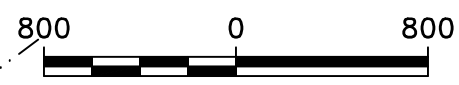
Groundwater Elevation and Water Quality Contour Maps – June 2015



- LEGEND**
- REFUSE HIDEAWAY LANDFILL PROPERTY BOUNDARY
 - FILL LIMITS
 - MONITORING WELL LOCATION AND NUMBER (NUMBER OF WELLS IN NEST) SAMPLED
 - MONITORING WELL LOCATION AND NUMBER (NOT SAMPLED)
 - ▲ PRIVATE WELL LOCATION AND ADDRESS; DR=DEER RUN FC=FAWN COURT
 - ◆ STAFF GAGE LOCATION AND NUMBER
 - ||||| RAILROAD
 - ⊕ WETLANDS
 - CREEK OR INTERMITTENT STREAM
 - 920.92 WATER TABLE ELEVATION IN FEET ABOVE MEAN SEA LEVEL MEASURED ON JUNE 1, 2015
 - 925 WATER TABLE CONTOUR
 - APPROXIMATE GROUNDWATER FLOW DIRECTION



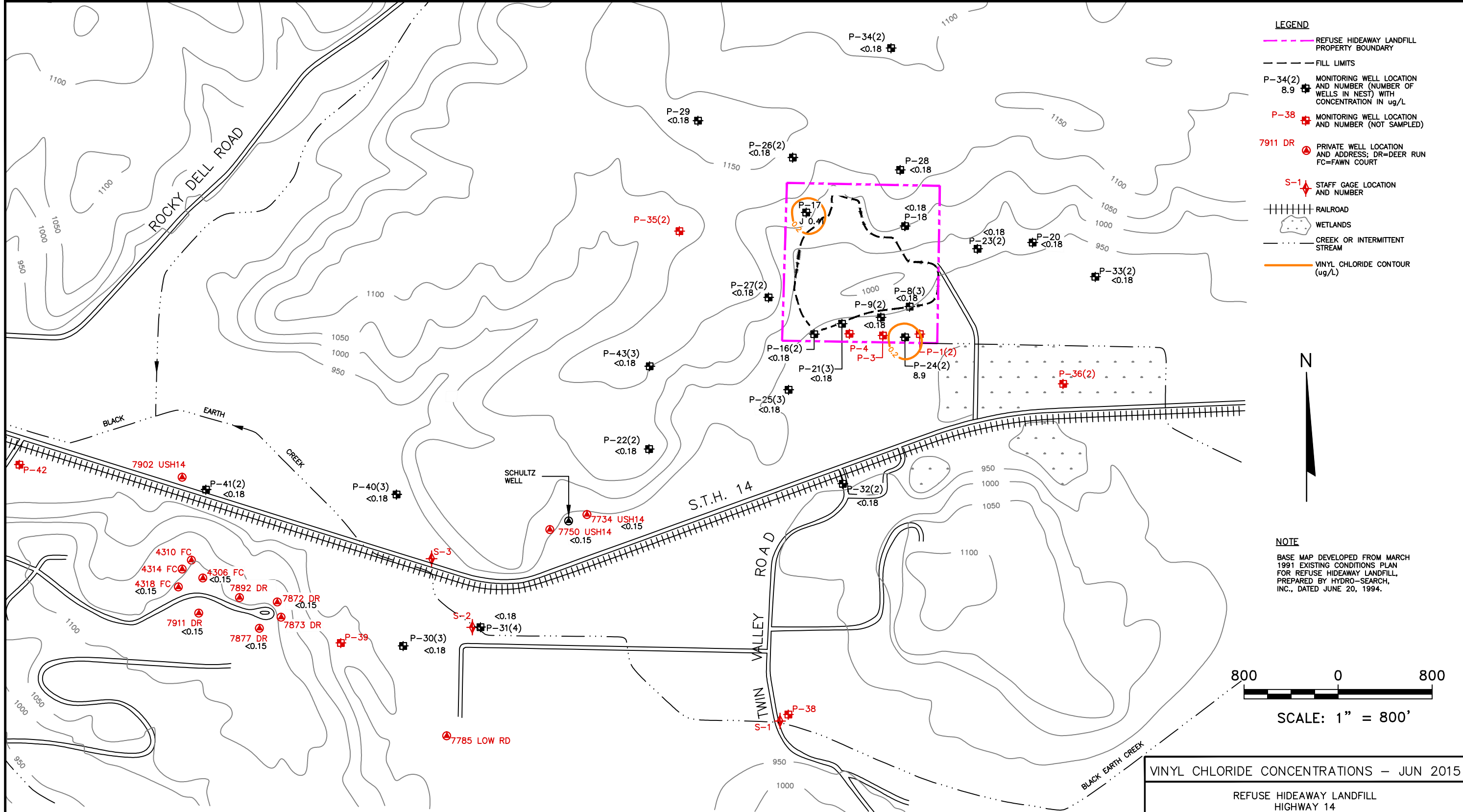
NOTE
 BASE MAP DEVELOPED FROM MARCH 1991 EXISTING CONDITIONS PLAN FOR REFUSE HIDEAWAY LANDFILL, PREPARED BY HYDRO-SEARCH, INC., DATED JUNE 20, 1994.



GROUNDWATER ELEVATIONS — JUN 2015

REFUSE HIDEAWAY LANDFILL
 HIGHWAY 14
 MIDDLETON, WISCONSIN

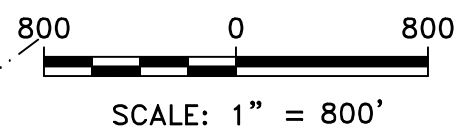
PROJECT NO. RHLGWS	SHEET 1 OF 4
DRAWN BY: JEV	
CHECKED BY: BJD	
APPROVED BY: CRP	
DRAWN: 12/07/15	
REVISED:	



- LEGEND**
- REFUSE HIDEAWAY LANDFILL PROPERTY BOUNDARY
 - FILL LIMITS
 - P-34(2) 8.9 MONITORING WELL LOCATION AND NUMBER (NUMBER OF WELLS IN NEST) WITH CONCENTRATION IN ug/L
 - P-38 MONITORING WELL LOCATION AND NUMBER (NOT SAMPLED)
 - 7911 DR PRIVATE WELL LOCATION AND ADDRESS; DR=DEER RUN FC=FAWN COURT
 - S-1 STAFF GAGE LOCATION AND NUMBER
 - RAILROAD
 - WETLANDS
 - CREEK OR INTERMITTENT STREAM
 - VINYL CHLORIDE CONTOUR (ug/L)



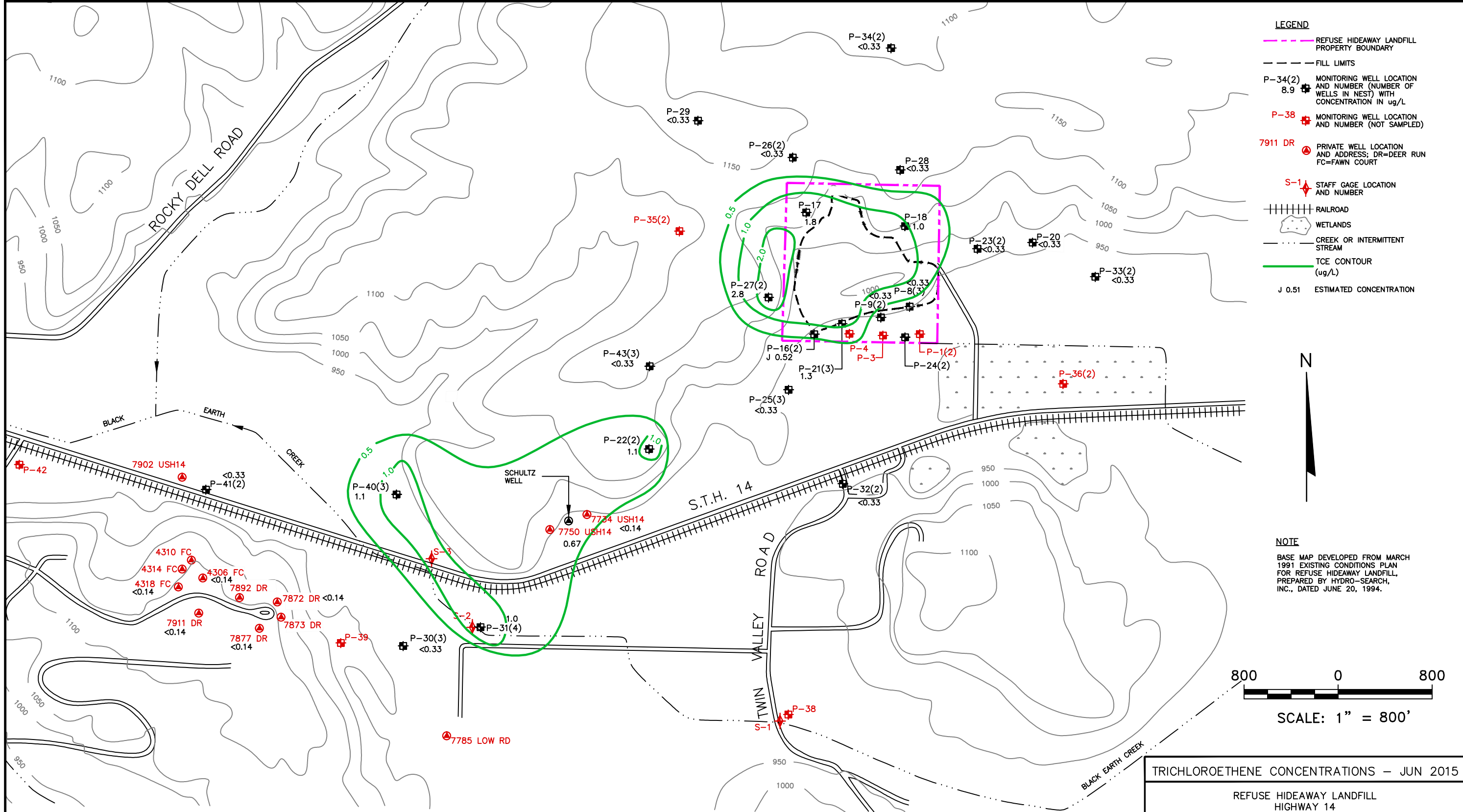
NOTE
 BASE MAP DEVELOPED FROM MARCH 1991 EXISTING CONDITIONS PLAN FOR REFUSE HIDEAWAY LANDFILL, PREPARED BY HYDRO-SEARCH, INC., DATED JUNE 20, 1994.



VINYL CHLORIDE CONCENTRATIONS - JUN 2015

REFUSE HIDEAWAY LANDFILL
 HIGHWAY 14
 MIDDLETON, WISCONSIN

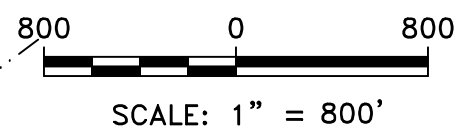
PROJECT NO. RHLGWS	SHEET 2 OF 4
DRAWN BY: JEV	
CHECKED BY: BJD	
APPROVED BY: CRP	
DRAWN: 12/07/15	
REVISED:	



- LEGEND**
- REFUSE HIDEAWAY LANDFILL PROPERTY BOUNDARY
 - FILL LIMITS
 - P-34(2) 8.9 + MONITORING WELL LOCATION AND NUMBER (NUMBER OF WELLS IN NEST) WITH CONCENTRATION IN ug/L
 - P-38 + MONITORING WELL LOCATION AND NUMBER (NOT SAMPLED)
 - 7911 DR ⊙ PRIVATE WELL LOCATION AND ADDRESS; DR=DEER RUN FC=FAWN COURT
 - S-1 + STAFF GAGE LOCATION AND NUMBER
 - ||||| RAILROAD
 - ⊕ WETLANDS
 - CREEK OR INTERMITTENT STREAM
 - TCE CONTOUR (ug/L)
 - J 0.51 ESTIMATED CONCENTRATION



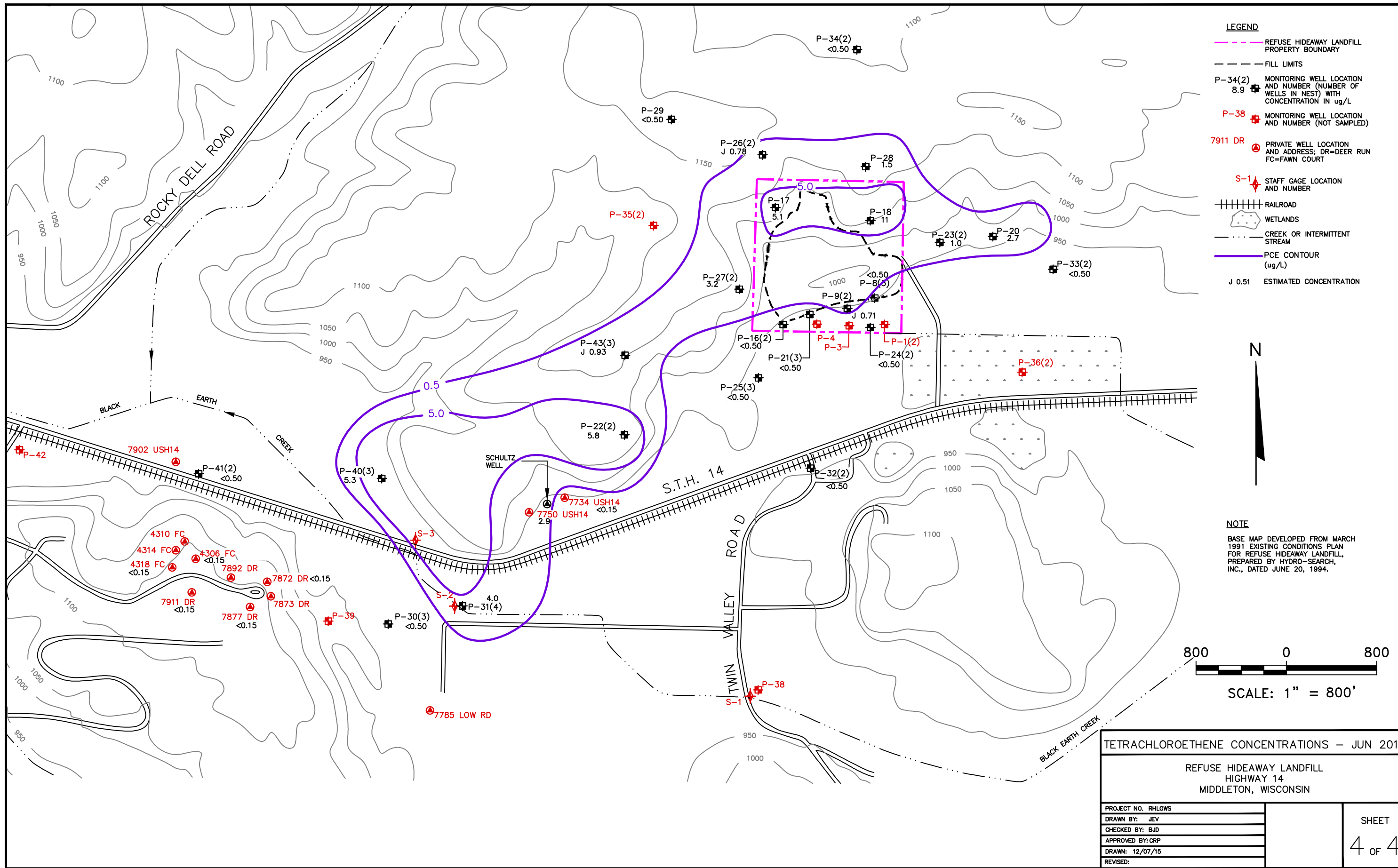
NOTE
 BASE MAP DEVELOPED FROM MARCH 1991 EXISTING CONDITIONS PLAN FOR REFUSE HIDEAWAY LANDFILL, PREPARED BY HYDRO-SEARCH, INC., DATED JUNE 20, 1994.



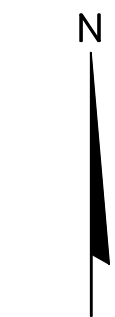
TRICHLOROETHENE CONCENTRATIONS - JUN 2015

REFUSE HIDEAWAY LANDFILL
 HIGHWAY 14
 MIDDLETON, WISCONSIN

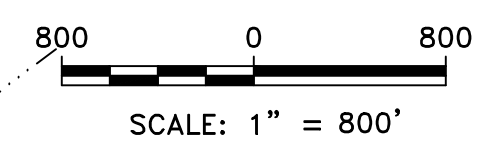
PROJECT NO. RHLGWS	SHEET 3 OF 4
DRAWN BY: JEV	
CHECKED BY: BJD	
APPROVED BY: CRP	
DRAWN: 12/07/15	
REVISED:	



- LEGEND**
- REFUSE HIDEAWAY LANDFILL PROPERTY BOUNDARY
 - FILL LIMITS
 - + P-34(2) 8.9 MONITORING WELL LOCATION AND NUMBER (NUMBER OF WELLS IN NEST) WITH CONCENTRATION IN ug/L
 - + P-38 MONITORING WELL LOCATION AND NUMBER (NOT SAMPLED)
 - + 7911 DR PRIVATE WELL LOCATION AND ADDRESS; DR=DEER RUN FC=FAWN COURT
 - + S-1 STAFF GAGE LOCATION AND NUMBER
 - ||||| RAILROAD
 - WETLANDS
 - CREEK OR INTERMITTENT STREAM
 - PCE CONTOUR (ug/L)
 - J 0.51 ESTIMATED CONCENTRATION



NOTE
 BASE MAP DEVELOPED FROM MARCH 1991 EXISTING CONDITIONS PLAN FOR REFUSE HIDEAWAY LANDFILL, PREPARED BY HYDRO-SEARCH, INC., DATED JUNE 20, 1994.



TETRACHLOROETHENE CONCENTRATIONS - JUN 2015	
REFUSE HIDEAWAY LANDFILL HIGHWAY 14 MIDDLETON, WISCONSIN	
PROJECT NO. RHLGWS	SHEET 4 OF 4
DRAWN BY: JEV	
CHECKED BY: BJD	
APPROVED BY: CRP	
DRAWN: 12/07/15	
REVISED:	

TABLE A

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

SUMMARY OF GROUNDWATER ELEVATIONS - JUNE 2015

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

TABLE A

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

SUMMARY OF GROUNDWATER ELEVATIONS - JUNE 2015

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

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

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

TABLE B

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

SUMMARY OF NR 140 EXCEEDANCES BY WELL - JUNE 2015

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

TABLE B

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

SUMMARY OF NR 140 EXCEEDANCES BY WELL - JUNE 2015

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

PAL : Preventative Action Limit.

ES : Enforcement Standard.

DUP : Duplicate sample.

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

ug/L : Micrograms per liter.