DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

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

HDR Engineering, Inc. of the Carolinas

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

Name: Eric A. Wright Phone: 704-338-6719

E-mail: eric.wright@hdrinc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Old Salisbury Road landfill	3336 Old Salisbury Road Winston-Salem, NC 27127	34-12	.0500	November 19, 20, & 21, 2012

Environmental Status: (Check all that apply)

☒ Initial/Background Monitoring ☒ Detection Monitoring ☒ Assessment Monitoring ☐ Corrective Action

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
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane 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. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Eric A. Wright — Facility Representative Name (Print)
Project Engineer — Title
704-338-6719 — (Area Code) Telephone Number

Eric A. Wright — Signature
12/28/12 — Date

Affix NC Licensed/ Professional Engineer Seal

NORTH CAROLINA PROFESSIONAL SEAL 019027 ENGINEER ERIC ALAN WRIGHT

440 South Church Street Suite 1000 Charlotte NC 28202
Facility Representative Address

F-0116
NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

December 28, 2012

Ms. Jaclynne Drummond
NCDENR Environmental Compliance
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: Groundwater Assessment Monitoring Fall 2012
Winston-Salem Construction and Demolition (C&D) Landfill (No. 34-12)
Forsyth County, North Carolina
HDR Project No. 00162-190539-018

Dear Ms. Drummond:

HDR Engineering, Inc. of the Carolinas (HDR), on behalf of the Winston-Salem City/County Utility Commission (the City), is hereby submitting the second round of assessment monitoring results for groundwater at the Old Salisbury Road C&D Landfill located in Forsyth County, North Carolina. The assessment monitoring is being conducted to address the detection of benzene and tetrachloroethene (PCE) above the groundwater monitoring standards in samples collected from groundwater monitoring well MW-2R during the May 2011 and June 2011 events. An Assessment Monitoring Plan for MW-2R was submitted in accordance with 15A NCAC 13B .0545 by HDR on December 9, 2011. The plan was approved with two exceptions on January 17, 2012. The exceptions related to the location of MW-15 and sampling all wells for Appendix II constituents.

The monitoring wells and surface water sampling locations listed in Table 1 were sampled November 19 through 21, 2012. Groundwater monitoring well MW-1R is located hydraulically upgradient of the landfill and is considered as the background well for the site. Upstream surface water (SW-1) and downstream surface water (SW-2) samples were obtained from the adjacent stream to the east. Surface water samples (SW-3 and SW-4) were obtained from drainage channel in the vicinity of MW-2R. SW-3 is located south of the entrance road near MW-2R; SW-4 is located on the north side of the entrance road, downstream of SW-3.

Table 1 – Locations Sampled

Monitoring Wells	MW-1R	MW-2R	MW-3R	MW-4R	MW-5R
	MW-7	MW-8	MW-9	MW-10	MW-11
	MW-12	MW-13	MW-14	MW-15	
Surface Water	SW-1	SW-2	SW-3	SW-4	

The environmental status of MW-15 is initial monitoring, as a new well. MW-2R is in assessment monitoring. The other monitoring locations are currently detection monitoring wells.

Figure 1 - Historic Groundwater elevations

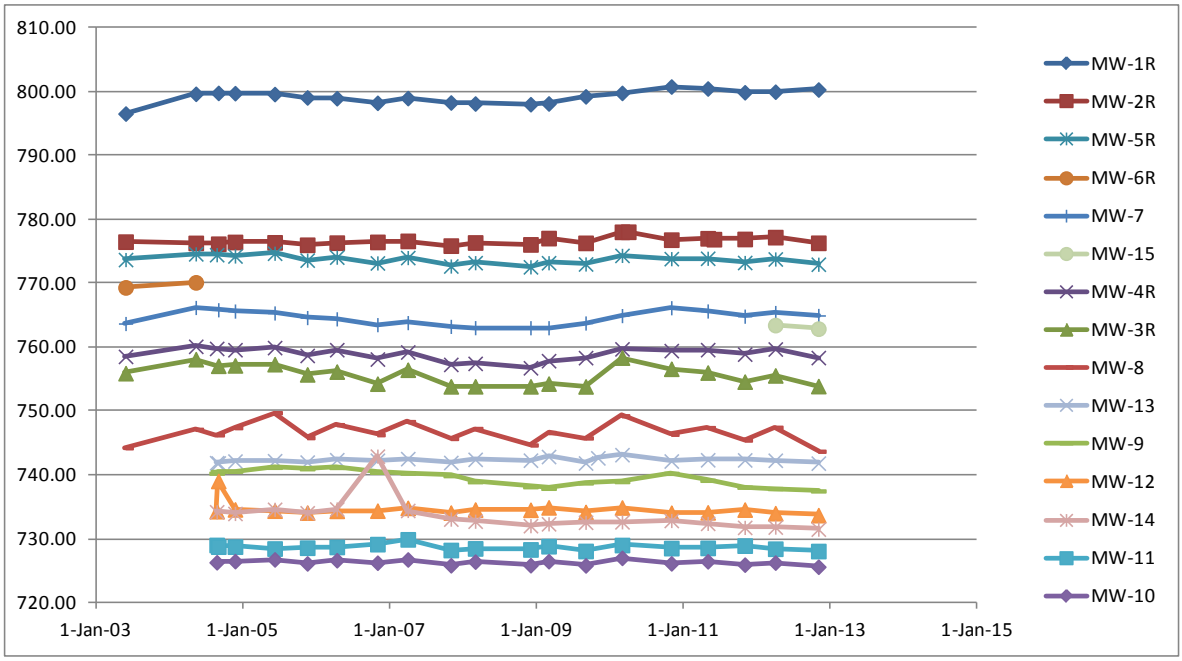

Table 2 illustrates the hydraulic gradients calculated between representative well pairs and the corresponding flow velocities. The flow velocities have been calculated based on the values for hydraulic conductivity (0.259 ft/day) and effective porosity (18.9%), as presented in the August 2002 Design Hydrogeologic Investigation Report for the landfill. The minimum and maximum values are based on the historic data since May 2003 from the site. HDR estimates a travel time of almost six years between MW-2R and MW-15, based on the estimated flow rate of 34 ft/yr and a distance of 195 feet.

Table 2 - Hydraulic Gradient & Flow Velocity

Hydraulic Gradient (ft/ft) / Flow Velocity (ft/yr)	Based on Historic Record						
	Minimum	Maximum	May 2003	June 2005	Dec 2008	April 2012	Nov 2012
MW-1R to MW-4R	0.024 / 12	0.027 / 14	0.024 / 12	0.026 / 13	0.027 / 13	0.026 / 13	0.027 / 14
MW-1R to MW-2R	0.032 / 16	0.039 / 19	0.032 / 16	0.037 / 19	0.035 / 18	0.037 / 18	0.039 / 19
MW-2R to MW-13	0.060 / 30	0.062 / 31	NA	0.061 / 31	0.060 / 30	0.062 / 31	0.062 / 31
MW-13 to MW-10	0.013 / 7	0.014 / 7	NA	0.013 / 7	0.014 / 7	0.014 / 7	0.014 / 7
MW-2R to MW-15	0.069 / 34	0.071 / 35	NA	NA	NA	0.071 / 35	0.069 / 34

The samples were analyzed for Appendix II parameters as listed in Table 3. Field measurements of pH, specific conductance, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity were recorded prior to sampling.

Table 3 - Analytical Methods Used During This Reporting Period

Method	Parameter(s)	Monitoring Wells	Surface Water
EPA 300.0	Sulfate	All	All
EPA 6010	Trace Metals	All	All
EPA 7470	Mercury	All	All
EPA 8081	Pesticides	All	All
EPA 8082	PCB's	All	All
EPA 8151	Herbicides	All	All
EPA 8260	VOCs	All	All
EPA 8270	SVOCs	All	All
SM 2320B	Alkalinity	All	All
SM 2540C	Total Dissolved Solids	All	All
SM 4500	Chloride, Cyanide, Sulfide	All	All

The attached event summary table presents the detected levels of each constituent relative to the SWSL and 2L standards. In total, nineteen constituents were detected above the Solid Waste Section Limit (SWSL) during this event. Eleven constituents - three metals, three pesticides, two volatile organic compounds (VOCs), two semi-volatile organic compounds (SVOCs) and total dissolved solids (TDS) - were detected in groundwater samples above the 2L standard during this event. The two SVOCs detected above the 2L standard are below the SWSL.

The constituents of interest detected above 2L groundwater standards for this event are as follows:

- Iron was detected in eight of the monitoring wells and all four of the surface water samples above the 2L standard of 300 µg/L.
- Manganese was detected in seven of the monitoring wells and all four of the surface water samples above the 2L standard of 50 µg/L.
- Chromium was detected in MW-13 at 11.8 which is above the 2L standard of 10 µg/L.
- 4,4'-DDD was detected in SW-4 at 0.11 µg/L, this is above the 2L standard of 0.1 µg/L.
- Dieldrin was detected in MW-7 at 0.11 µg/L, this is above the 2L standard of 0.002 µg/L.
- Heptachlor epoxide was detected in MW-7 at 0.12 µg/L, this is above the 2L standard of 0.004 µg/L.
- Benzene was detected in MW-2R at 1.3 µg/L, which is above the 2L standard of 1 µg/L. PCE was not detected at MW-15.
- Tetrachloroethene (PCE) was detected in MW-2R at 1.8 µg/L, which is above the 2L standard of 0.7 µg/L. PCE was not detected at MW-15.

- Benzo(a)anthacene was detected in MW-1R at 1.4 µg/L, which is above the 2L standard of 0.05 µg/L. but below the SWSL of 10 µg/L.
- Bis(2-ethylhexyl)phthalate was detected in MW-9 and MW-14 at 13 and 9.8 µg/L respectively, which are both above the 2L standard of 3 µg/L. but below the SWSL of 15 µg/L.
- Total Dissolved solids were detected in MW-2R at 564,000 µg/L, which is above the 2L standard of 500,000 µg/L

The results indicate that the extent of benzene and PCE detected at MW-2R is bounded by MW-15, at this time. The fourteen monitoring wells at the site will continue to be sampled, analyzed and reported for the Appendix II list, at least for the next two semiannual sampling events.

This report includes the following items for your reference:

- Environmental Monitoring Reporting Form
- Event Summary Table
- Historic Detections of Concern
- Summary of All Recent Detections
- Groundwater Elevation Contour Map with Monitoring Well Locations
- Lab Analytical Data, Field Data Sheets, and Chain-of-Custody
- Compact disc (CD) with a pdf of this report, field data sheets and lab analytical data.

If you have any questions or comments concerning the information summarized in this letter, or in the attached analytical data, please do not hesitate to contact me at (704) 338-6719.

Sincerely,

HDR Engineering, Inc. of the Carolinas

Eric A. Wright

Eric A. Wright, P.E.
Project Engineer

NORTH CAROLINA PROFESSIONAL SEAL 019027 ENGINEER ERIC ALAN WRIGHT 12/28/12

EAW/nct

cc: Edward Gibson PE, Winston-Salem City/County Utility Commission
Mike Plummer PE, HDR

Event Summary Table

Qualifier	(Multiple Items)
Facility Permit	34-12
Sampling Event Month	Nov-12

Old Salisbury Road Landfill (C&D)

To distinguish non detections (ND) from not sampled (NS), refer to complete laboratory analysis. This table represents both ND and NS as blanks.

Standard			Value																		
SWSL	2L	units		MW-1R	MW-2R	MW-3R	MW-4R	MW-5R	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	SW-1	SW-2	SW-3	SW-4
			EPA 300.0																		
			µg/L																		
250000	250000	µg/L	Sulfate		79500	5420	73600	8400	2090				10400	24200	9770		35600	2090	4240	36400	32300
			EPA 6010																		
			µg/L																		
10	10	µg/L	Arsenic														7.1				
100	700	µg/L	Barium	91.7	335	173	400	53.4	95.1	26.9	142	101	76.8	50.5	279	160	143	63.3	46.5	315	151
1	NE	µg/L	Beryllium												3.5						
10	10	µg/L	Chromium												11.8	6	6.7				
10	NE	µg/L	Cobalt		15.2		35.5													13	
10	1000	µg/L	Copper												6.9	5.8	10.5				
300	300	µg/L	Iron		1730	25300	344	102		60.8		218	29000	1430	11300	4520	12300	25500	1280	16500	1640
10	15	µg/L	Lead												7.5		9.5				
50	50	µg/L	Manganese		8400	11600	541		17.4			5.1	1740	33.6	301	251	317	1720	106	5200	2430
50	100	µg/L	Nickel		21.8											13.7					
NE	NE	µg/L	Sodium	9180	43400		43600	14500	13900	6980	13100	5280	8770	11000	14600	15000	21200	15500	9990	33800	29000
25	NE	µg/L	Vanadium												18.7	8	28.6				
10	1000	µg/L	Zinc		24.5					15.2			92	30.8	51	23	45.6				
			EPA 8081																		
			µg/L																		
0.1	0.1	µg/L	4,4'-DDD														0.062			0.079	0.11
0.002	0.002	µg/L	Dieldrin						0.11												
0.1	42	µg/L	Endosulfan II				0.12													0.071	
0.1	2	µg/L	Endrin		0.27													0.08			
0.1	2	µg/L	Endrin aldehyde		0.23																
0.075	0.004	µg/L	Heptachlor epoxide						0.12												
			EPA 8260																		
			µg/L																		
5	6	µg/L	1,1-Dichloroethane		1.2				1.2												
1	1	µg/L	Benzene		1.3															0.34	
10	3000	µg/L	Chloroethane						1.3												
5	70	µg/L	Chloroform		0.16												0.49				
5	70	µg/L	cis-1,2-Dichloroethene		0.25				0.62												
			Dichlorodifluoromethane								0.28										
1	5	µg/L	Methylene chloride		4.5																
10	6	µg/L	Naphthalene		1.6																
NE	NE	µg/L	o-Xylene		0.63																
1	0.7	µg/L	Tetrachloroethene		1.8																
NS	NS	µg/L	Tetrahydrofuran		93.2		13.5		26								6.3			4.8	
1	3	µg/L	Trichloroethene		0.77																
1	2000	µg/L	Trichlorofluoromethane		16.9				0.29		0.49	0.49					8.1				
5	500	µg/L	Xylenes (Total)		0.98				0.79												
			EPA 8270																		
			µg/L																		
10	0.05	µg/L	Benzo(a)anthracene	1.4																	
15	3	µg/L	bis(2-Ethylhexyl)phthalate	2.4	1.1			1			13					9.8					
10	5	µg/L	Chrysene	1.5																	
			SM 2320B																		
			µg/L																		
NE	NE	µg/L	Alkalinity, Total as CaCO3	26300	277000	142000	174000	31200	51900	19500	17200	25500	153000	40200	43900	28900	77600	79700	44700	317000	220000
			SM 4500-Cl-E																		
			µg/L																		
NE	250000	µg/L	Chloride	5320	64000	3920	34500	16100	3810	1860	3560	1800	12900	4900	6150	4790	143000	19700	10300	24300	28800
			SM 4500-CN-E																		
			µg/L																		
10	70	µg/L	Cyanide			9.1															
			SM 4500-S2D																		
			µg/L																		
1000	NE	µg/L	Sulfide												106		100				
			SM 2540C																		
			µg/L																		
NE	500000	µg/L	Total Dissolved Solids	95000	564000	172000	435000	157000	111000	58000	118000	63000	220000	127000	144000	127000	298000	131000	101000	432000	349000
			Field																		
			°C																		
			Field Temperature	16	14	15.2	13.3	15.9	14.5	15.6	16	16.3	16	16.1	15.8	15.8	15.5	14.7	12.7	10	12.4
			µmhos/cm																		
			Field Specific Conductance	100	842	283	655	175	147	49	134	63	354	158	136	137	434	261	135	700	523
			mg/l																		
			Oxygen, Dissolved	5.5	1.5	1.2	2.3	6.4	1.8	9.8	7.3	4.4	0.9	3	2.3	6.4	2.3	8.7	6.7	2.1	6.7
			mV																		
			REDOX	236	77	16	181	245	197	260	352	366	-61	150	246	365	160	-21	-21	-26	83
			NTU																		
			Turbidity	1	1	25	14	14	7	1	1	1	25	1	605	329	456	3	1	14	92
			Std. Units																		
			Field pH	5.7	5.8	5.6	5.7	5.8	5.4	5.7	5.5	5	6.1	5.9	5.5	5.5	6.5	6.1	6.7	6.2	6.8
			feet																		
			Static Water Level	72.24	17.78	45.36	19.26	22.81	77.49	37.56	105.53	25.13	8.94	10.71	18.71	104.68	79.91				
			Total Well Depth	60	21	27	20	30	48	27	60	21	20	15.58	20	60	50.85				

Facility Permit 34-12

OSR Concern Above

Qualifier (Multiple Items)

Old Salisbury Road Landfill (C&D)

Historic groundwater detections of concern within the last 10 years

Highlighted cells are at or above the current standard

MCL SWSL	MCL 2L		Value / Row Labels	Nov-12	Apr-12	Mar-12	Dec-11	Nov-11	Jun-11	May-11	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08	Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	May-04	Nov-03	May-03	Dec-02	Apr-02
			Pesticides																											
0.1	0.1	µg/L	4,4'-DDD																											
0.1	0.1	µg/L	MW-7		0.13																									
0.1	0.1	µg/L	MW-15	0.062																										
0.1	0.1	µg/L	SW-3	0.079																										
0.1	0.1	µg/L	SW-4	0.11	0.062																									
0.1	0.1	µg/L	4,4'-DDT																											
0.1	0.1	µg/L	MW-2R		0.54																									
0.1	0.1	µg/L	MW-4R		0.14																									
0.1	0.1	µg/L	MW-11		0.05																									
0.1	0.1	µg/L	SW-3		0.09																									
0.1	0.1	µg/L	SW-4		0.054																									
0.05	NE	µg/L	Aldrin																											
0.05	NE	µg/L	MW-2R		0.12																									
0.05	NE	µg/L	alpha-BHC																											
0.05	NE	µg/L	MW-2R		0.12																									
0.05	NE	µg/L	beta-BHC																											
0.05	NE	µg/L	MW-7		0.1																									
0.05	NE	µg/L	delta-BHC																											
0.05	NE	µg/L	MW-2R		0.18																									
0.05	NE	µg/L	MW-4R		0.069																									
0.002	0.002	µg/L	Dieldrin																											
0.002	0.002	µg/L	MW-7	0.11	0.081																									
0.1	42	µg/L	Endosulfan II																											
0.1	42	µg/L	MW-4R	0.12																										
0.1	42	µg/L	SW-3	0.071	0.085																									
0.1	42	µg/L	SW-4		0.066																									
0.1	2	µg/L	Endrin																											
0.1	2	µg/L	MW-2R	0.27																										
0.1	2	µg/L	SW-1	0.08																										
0.1	2	µg/L	Endrin aldehyde																											
0.1	2	µg/L	MW-2R	0.23	0.28																									
0.1	2	µg/L	SW-4		0.061																									
0.05	0.008	µg/L	Heptachlor																											
0.05	0.008	µg/L	MW-2R		0.48																									
0.075	0.004	µg/L	Heptachlor epoxide																											
0.075	0.004	µg/L	MW-7	0.12	0.066																									
			Metals																											
10	10	µg/L	Arsenic																											
10	10	µg/L	MW-3R										4																	7.4
10	10	µg/L	MW-4R																							9.2				
10	10	µg/L	MW-5R										4.2											5.1		5				
10	10	µg/L	MW-7										3.4														8.6			
10	10	µg/L	MW-8																							6				
10	10	µg/L	MW-12										2.7																	
10	10	µg/L	MW-14													7.3				8.3										
10	10	µg/L	MW-15	7.1	5.7																									
10	10	µg/L	SW-1										3.7										23		20					
10	10	µg/L	SW-2																5.5											
100	700	µg/L	Barium																											
100	700	µg/L	MW-1R	91.7	93.8		82.6			84.7	85.4		85.3	93	74.3	85	90.3	105	81	94	82	78	48	95		96.3	460	120	100	130
100	700	µg/L	MW-2R	335	366			351		273	223		103	81	88.5	98.8	102	107	79	90	52	62	43	52		55	60	56	140	100
100	700	µg/L	MW-3R	173	228			237		301	302		314	289	252	231	293	273	310	230	290	300	300	340		270	200	220	13	370
100	700	µg/L	MW-4R	400	407		328			126	335		55.9	334	58.3	263	172	287	200	220	220	180	150	140		380	97	94	86	61
100	700	µg/L	MW-5R	53.4	57.5		85.2			63.7	53		54.3	67	52.6	56.1	57.5	70.6	58	58	57	54	53	80		76	65	72	65	150
100	700	µg/L	MW-6R																							28	25	24	41	180
100	700	µg/L	MW-7	95.1	100			97.1		104	100		99.3	104	86.9	99	95.7	101	89	76	74	60	53	63		180	820	130	210	84
100	700	µg/L	MW-8	26.9	27.5			24.4		27.3	26.8		28.8	27	25	32.8	24	26.6	30	29	29	26	25	30		480	52	77	48	150
100	700	µg/L	MW-9	142	142			141		153	157		134	128	173	124	124	117	140	140	100	100	85	95	240					
100	700	µg/L	MW-10	101	96.5			91.3		80.7	38.9		46.6	39	38.9	41.9	42	40.8	52	71	48	46	82	55	98					
100	700	µg/L	MW-11	76.8	70.3			57.5		56.2	48.1		37.6	32	28.4	28.6	29.2	23.1	25	24	26	27	24	28	47					
100	700	µg/L	MW-12	50.5	46.9			60.1		39.1	44.9		40.6	38	34.5	57.9	60.5	47.3	31	66	55	77	50	77	74					
100	700	µg/L	MW-13	279	144			139		164	176		126	117	79.2	88.7	64.6	85.6	79	62	65	59	46	57	160					
100	700	µg/L	MW-14	160	122			143		125	129		130	242	97.9	583	186	130	210	460	250	120	69	66	170					
100	700	µg/L	MW-15	143	115																									
100	700	µg/L	SW-1	63.3	70.4			42.5		69.9	61.9		92.5	78	45.6	78.2	79.7	70.3	88	54	120	73	750	53	500					
100	700	µg/L	SW-2	46.5	53.4			81		49.2	57.6		59.4	52	46.3	50.6	50.6	49.4	300	44	150	51	47	65	63					
100	700	µg/L	SW-3	315	179		123																							
100	700	µg/L	SW-4	151	136		105																							
1	NE	µg/L	Beryllium																											
1	NE	µg/L	MW-13	3.5	1.4			2.3																						
1	2	µg/L	Cadmium																											
1	2	µg/L	MW-2R																										1.9	
1	2	µg/L	MW-3R										0.82							2										
1	2	µg/L	MW-5R																									2.7		

Facility Permit 34-12

OSR Concern Above

Qualifier (Multiple Items)

Old Salisbury Road Landfill (C&D)

Historic groundwater detections of concern within the last 10 years

Highlighted cells are at or above the current standard

MCL SWSL	MCL 2L	Value	Row Labels	Nov-12	Apr-12	Mar-12	Dec-11	Nov-11	Jun-11	May-11	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08	Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	May-04	Nov-03	May-03	Dec-02	Apr-02
10	10	µg/L	Chromium																											
10	10	µg/L	MW-1R							1.4	0.96		1.4	2	0.88	0.64	0.49							2		3.5		4.3	2.3	5
10	10	µg/L	MW-2R							5.4	0.49		1.2		1.6	0.5	0.79										2.2		2.1	
10	10	µg/L	MW-3R														0.63							2.3		3.7	2.3			15
10	10	µg/L	MW-4R							1.3	0.68		1.3	5.4	1.2	0.58	0.4									14	2.6	5.5	5	
10	10	µg/L	MW-5R		5.2		14.7			7.6	5.8		5	8.6	5.2	5.3	5.6	8.4	6.4	6.2	6.2	3.5	5.6	14		7.3	8.7	9.5	7.4	23
10	10	µg/L	MW-6R																							2.2	2.4		3.2	26
10	10	µg/L	MW-7								0.55			0.7		0.91	7.3							4.4		26	150	17	32	6.8
10	10	µg/L	MW-8							0.96	0.62		1.4		0.78	0.97	0.42							2.4		28	3.2	3.8	2	23
10	10	µg/L	MW-9												7.6	0.47									14					
10	10	µg/L	MW-10							0.63					0.65										13					
10	10	µg/L	MW-11																					3.9	3.3					
10	10	µg/L	MW-12							2.6	1.1		2.4		2		1.8				4			2.1						
10	10	µg/L	MW-13	11.8				5.5		3.9	4		1.7	0.8	1.6	2.2	1.1				2			4.8	9.2					
10	10	µg/L	MW-14	6						1.8	2.3		3	11	0.4	40.2	4.1	1.7	6.6	35	15	3.9			3.2					
10	10	µg/L	MW-15	6.7	7.2																									
10	10	µg/L	SW-1												0.61	0.67	1.2	0.61			4.2		52	3.2	36					
10	10	µg/L	SW-2												0.42				17		4.7									
10	NE	µg/L	Cobalt																											
10	NE	µg/L	MW-2R	15.2	14.8			11.8																						
10	NE	µg/L	MW-3R		16.4																									
10	NE	µg/L	MW-4R	35.5	21.5		15																							
10	NE	µg/L	SW-3	13	5.5																									
10	1000	µg/L	Copper																											
10	1000	µg/L	MW-13	6.9				6.1																						
10	1000	µg/L	MW-14	5.8																										
10	1000	µg/L	MW-15	10.5																										
300	300	µg/L	Iron																											
300	300	µg/L	MW-2R	1730	3190			2980																						
300	300	µg/L	MW-3R	25300	41500			40300																						
300	300	µg/L	MW-4R	344	145		368																							
300	300	µg/L	MW-5R	102	209		3540																							
300	300	µg/L	MW-8	60.8	57.8			151																						
300	300	µg/L	MW-10	218	55.1			424																						
300	300	µg/L	MW-11	29000	26300			23000																						
300	300	µg/L	MW-12	1430	539			3030																						
300	300	µg/L	MW-13	11300	3760			6140																						
300	300	µg/L	MW-14	4520	1140			2050																						
300	300	µg/L	MW-15	12300	10000																									
300	300	µg/L	SW-1	25500	11400			2290																						
300	300	µg/L	SW-2	1280	1720			4170																						
300	300	µg/L	SW-3	16500	9370		3230																							
300	300	µg/L	SW-4	1640	2140		1060																							
10	15	µg/L	Lead																											
10	15	µg/L	MW-1R																								22			
10	15	µg/L	MW-3R																							14				21
10	15	µg/L	MW-4R											4.8												18		5.3	6	
10	15	µg/L	MW-5R																							5.1				
10	15	µg/L	MW-6R																											7.6
10	15	µg/L	MW-7																								24	5.3	6	
10	15	µg/L	MW-8																							41		6.7		
10	15	µg/L	MW-9																						14					
10	15	µg/L	MW-10																						6.8					
10	15	µg/L	MW-13	7.5				6.4			4.3														11					
10	15	µg/L	MW-14											7.2		26.2			5.2	23	13	5.9			8					
10	15	µg/L	MW-15	9.5	7.6																									
10	15	µg/L	SW-1											18									57		38					
10	15	µg/L	SW-2																11		7.6									
50	50	µg/L	Manganese																											
50	50	µg/L	MW-2R	8400	8280			7920																						
50	50	µg/L	MW-3R	11600	9310			7310																						
50	50	µg/L	MW-4R	541	370		257																							
50	50	µg/L	MW-5R				43.5																							
50	50	µg/L	MW-7	17.4	10.2			12.7																						
50	50	µg/L	MW-8					7																						
50	50	µg/L	MW-10	5.1				6.8																						
50	50	µg/L	MW-11	1740	1580			1250																						
50	50	µg/L	MW-12	33.6	15.7			58.3																						
50	50	µg/L	MW-13	301	91.5			140																						
50	50	µg/L	MW-14	251	170			71																						
50	50	µg/L	MW-15	317	327																									
50	50	µg/L	SW-1	1720	1040			130																						
50	50	µg/L	SW-2	106	157			280																						
50	50	µg/L	SW-3	5200	3760		1890																							
50	50	µg/L	SW-4	2430	2420		1290																							

Facility Permit 34-12

OSR Concern Above

Qualifier (Multiple Items)

Old Salisbury Road Landfill (C&D)

Historic groundwater detections of concern within the last 10 years

Highlighted cells are at or above the current standard

MCL SWSL	MCL 2L		Value / Row Labels	Nov-12	Apr-12	Mar-12	Dec-11	Nov-11	Jun-11	May-11	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08	Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	May-04	Nov-03	May-03	Dec-02	Apr-02
0.2	1	µg/L	Mercury																											
0.2	1	µg/L	Equipment Blank														0.26													
0.2	1	µg/L	GP-B-1 (12-16)			1.1																								
0.2	1	µg/L	MW-2R																			0.3								
0.2	1	µg/L	MW-5R																			0.4								
0.2	1	µg/L	MW-7																			0.2								
0.2	1	µg/L	MW-8														0.1					0.3								
0.2	1	µg/L	MW-10																			0.2								
0.2	1	µg/L	MW-14															0.1				0.4								
0.2	1	µg/L	SW-1																			1.1								
0.2	1	µg/L	SW-2											0.1																
10	20	µg/L	Selenium																											
10	20	µg/L	MW-1R																				5.5							
10	20	µg/L	MW-3R													11.8	4.9	18.1	24											
10	20	µg/L	MW-10																						6.2					
10	20	µg/L	MW-11													8.7														
10	20	µg/L	SW-2																21											
NE	NE	µg/L	Sodium																											
NE	NE	µg/L	MW-1R	9180	9440		7670																							
NE	NE	µg/L	MW-2R	43400	38400			31800	27200																					
NE	NE	µg/L	MW-4R	43600	40400		35300																							
NE	NE	µg/L	MW-5R	14500	14200		13300																							
NE	NE	µg/L	MW-7	13900	13700			12000																						
NE	NE	µg/L	MW-8	6980	6250			5410																						
NE	NE	µg/L	MW-9	13100	12600			11900																						
NE	NE	µg/L	MW-10	5280																										
NE	NE	µg/L	MW-11	8770	7460			6480																						
NE	NE	µg/L	MW-12	11000	11600			9980																						
NE	NE	µg/L	MW-13	14600	16700			20200																						
NE	NE	µg/L	MW-14	15000	14300			12700																						
NE	NE	µg/L	MW-15	21200	16300																									
NE	NE	µg/L	SW-1	15500	14300			9390																						
NE	NE	µg/L	SW-2	9990	9890			8650																						
NE	NE	µg/L	SW-3	33800	21300		18500																							
NE	NE	µg/L	SW-4	29000	20000		17900																							
25	NE	µg/L	Vanadium																											
25	NE	µg/L	MW-5R				13																							
25	NE	µg/L	MW-13	18.7	7.2			10.8																						
25	NE	µg/L	MW-14	8																										
25	NE	µg/L	MW-15	28.6	23.4																									
25	NE	µg/L	SW-2					7.5																						
10	1000	µg/L	Zinc																											
10	1000	µg/L	MW-2R	24.5	35.2			33.3																						
10	1000	µg/L	MW-5R				15.3																							
10	1000	µg/L	MW-8	15.2				45.4																						
10	1000	µg/L	MW-11	92																										
10	1000	µg/L	MW-12	30.8																										
10	1000	µg/L	MW-13	51	20			31.6																						
10	1000	µg/L	MW-14	23				12																						
10	1000	µg/L	MW-15	45.6	51.1																									
10	1000	µg/L	SW-2					13.5																						
			VOCs																											
5	7	µg/L	1,1-Dichloroethene																											
5	7	µg/L	MW-2R		36.6			38.7																						
5	7	µg/L	MW-13											20																
5	7	µg/L	MW-15		3.1																									
5	7	µg/L	SW-4				0.58																							
100	6000	µg/L	Acetone																											
100	6000	µg/L	Equipment Blank					5.5																						
100	6000	µg/L	GP-B-1 (12-16)			3.6																								
100	6000	µg/L	MW-2R					3.7																						
100	6000	µg/L	MW-8							3.8																				
100	6000	µg/L	SW-1					2.2										22.7												
100	6000	µg/L	SW-2					4																						
100	6000	µg/L	Trip Blank					6.6									15													
1	1	µg/L	Benzene																											
1	1	µg/L	MW-2R	1.3	1.5			2	1.6	1.3																				
1	1	µg/L	SW-3	0.34	0.25																									
1	3	µg/L	Chloromethane																											
1	3	µg/L	MW-4R							0.15																				
1	3	µg/L	MW-5R																			5.4								
1	3	µg/L	MW-12							0.21																				
1	3	µg/L	MW-14							0.24																				
NS	NS	µg/L	Methane																											
NS	NS	µg/L	MW-2R						1280																					
1	5	µg/L	Methylene Chloride																											
1	5	µg/L	Equipment Blank					3.2																						
1	5	µg/L	MW-2R	4.5	3.2			3.5		4.1	4.2																			
1	5	µg/L	Trip Blank											2.6																
NS	NS	µg/L	Nitrogen, Ammonia																											
NS	NS	µg/L	MW-2R						0.12																					

Facility Permit 34-12

OSR Concern Above

Qualifier (Multiple Items)

Old Salisbury Road Landfill (C&D)

Historic groundwater detections of concern within the last 10 years

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MCL			Value	Column Labels																										
SWSL	2L		Row Labels	Nov-12	Apr-12	Mar-12	Dec-11	Nov-11	Jun-11	May-11	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08	Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	May-04	Nov-03	May-03	Dec-02	Apr-02
NE	NE	µg/L	o-Xylene																											
NE	NE	µg/L	MW-2R	0.63	1			1.2		0.84																				
NE	NE	µg/L	MW-7							0.39																				
1	0.7	µg/L	Tetrachloroethene																											
1	0.7	µg/L	MW-2R	1.8	1.7			1.8	1.6	1.4																				
NS	NS	µg/L	Tetrahydrofuran																											
NS	NS	µg/L	MW-2R	93.2	152			197	274	226																				
NS	NS	µg/L	MW-4R	13.5	8.8																									
NS	NS	µg/L	MW-7	26	18.9																									
NS	NS	µg/L	MW-11		4.4					12.1																				
NS	NS	µg/L	MW-13							18.6																				
NS	NS	µg/L	MW-15	6.3																										
NS	NS	µg/L	SW-3	4.8	4.5																									
1	2000	µg/L	Trichlorofluoromethane																											
1	2000	µg/L	GP-A-7 (20.5-24.5)			0.25																								
1	2000	µg/L	MW-2R	16.9	20.9			20.1		31.6	36.1	21.9	22.2																	
1	2000	µg/L	MW-7	0.29				0.34		0.48																				
1	2000	µg/L	MW-9	0.49				0.42		0.26																				
1	2000	µg/L	MW-10	0.49				0.68		0.52																				
1	2000	µg/L	MW-13											19																
1	2000	µg/L	MW-15	8.1	7.3																									
1	2000	µg/L	SW-4		1.4																									
			SemiVOCs																											
10	0.05	µg/L	Benzo(a)anthracene																											
10	0.05	µg/L	MW-1R	1.4																										
10	0.05	µg/L	SW-2		1.1																									
10	0.005	µg/L	Benzo(a)pyrene																											
10	0.005	µg/L	MW-13		1.1																									
10	0.005	µg/L	SW-2		2.5																									
10	0.05	µg/L	Benzo(b)fluoranthene																											
10	0.05	µg/L	MW-13		1																									
10	0.05	µg/L	SW-2		2.8																									
10	0.5	µg/L	Benzo(k)fluoranthene																											
10	0.5	µg/L	SW-2		2.5																									
15	3	µg/L	bis(2-Ethylhexyl)phthalate																											
15	3	µg/L	MW-1R	2.4																										
15	3	µg/L	MW-2R	1.1																										
15	3	µg/L	MW-3R		5.5																									
15	3	µg/L	MW-5R	1																										
15	3	µg/L	MW-9	13																										
15	3	µg/L	MW-14	9.8																										
15	3	µg/L	SW-2		1.1																									
10	0.005	µg/L	Dibenz(a,h)anthracene																											
10	0.005	µg/L	MW-13		1.2																									
10	0.005	µg/L	SW-2		2.1																									
10	0.05	µg/L	Indeno(1,2,3-cd)pyrene																											
10	0.05	µg/L	MW-12		1.2																									
10	0.05	µg/L	MW-13		1.5																									
10	0.05	µg/L	SW-2		2.2																									
			SM 2320B																											
NE	NE	µg/L	Alkalinity, Total as CaCO3																											
NE	NE	µg/L	MW-1R	26300	27100		27500																							
NE	NE	µg/L	MW-2R	277000	2E+05			2E+05	165																					
NE	NE	µg/L	MW-3R	142000	2E+05			2E+05																						
NE	NE	µg/L	MW-4R	174000	64300		1E+05																							
NE	NE	µg/L	MW-5R	31200	1E+05		32800																							
NE	NE	µg/L	MW-7	51900	50200			47700																						
NE	NE	µg/L	MW-8	19500	20100			19600																						
NE	NE	µg/L	MW-9	17200	20100			17400																						
NE	NE	µg/L	MW-10	25500	4E+05			21700																						
NE	NE	µg/L	MW-11	153000	1E+05			1E+05																						
NE	NE	µg/L	MW-12	40200	37200			40200																						
NE	NE	µg/L	MW-13	43900	52200			44500																						
NE	NE	µg/L	MW-14	28900	30100			30400																						
NE	NE	µg/L	MW-15	77600	75300																									
NE	NE	µg/L	SW-1	79700	47200			19600																						
NE	NE	µg/L	SW-2	44700	44200			26100																						
NE	NE	µg/L	SW-3	317000	2E+05		2E+05																							
NE	NE	µg/L	SW-4	220000	2E+05		1E+05																							

Facility Permit 34-12

OSR Concern Above

Qualifier (Multiple Items)

Old Salisbury Road Landfill (C&D)

Historic groundwater detections of concern within the last 10 years

Highlighted cells are at or above the current standard

MCL			Value	Column Labels																									
SWSL	2L		Row Labels	Nov-12	Apr-12	Mar-12	Dec-11	Nov-11	Jun-11	May-11	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08	Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	May-04	Nov-03	May-03	Dec-02	Apr-02
			SM 2540C																										
NE	5E+05	µg/L	Total Dissolved Solids																										
NE	5E+05	µg/L	MW-1R	95000	93000		95000																						
NE	5E+05	µg/L	MW-2R	564000	5E+05			5E+05																					
NE	5E+05	µg/L	MW-3R	172000	2E+05			2E+05																					
NE	5E+05	µg/L	MW-4R	435000	4E+05		3E+05																						
NE	5E+05	µg/L	MW-5R	157000	1E+05		1E+05																						
NE	5E+05	µg/L	MW-7	111000	1E+05			1E+05																					
NE	5E+05	µg/L	MW-8	58000	52000			81000																					
NE	5E+05	µg/L	MW-9	118000	1E+05			1E+05																					
NE	5E+05	µg/L	MW-10	63000	49000			89000																					
NE	5E+05	µg/L	MW-11	220000	2E+05			2E+05																					
NE	5E+05	µg/L	MW-12	127000	1E+05			1E+05																					
NE	5E+05	µg/L	MW-13	144000	1E+05			2E+05																					
NE	5E+05	µg/L	MW-14	127000	1E+05			1E+05																					
NE	5E+05	µg/L	MW-15	298000	3E+05																								
NE	5E+05	µg/L	SW-1	131000	98000			1E+05																					
NE	5E+05	µg/L	SW-2	101000	1E+05			2E+05																					
NE	5E+05	µg/L	SW-3	432000	3E+05		2E+05																						
NE	5E+05	µg/L	SW-4	349000	3E+05		2E+05																						

Qualifier	(Multiple Items)
Facility Permit	34-12

Historic Detections

MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	######	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
			µg/L												
			MW-1R												
NE	NE	µg/L	Alkalinity, Total as CaCO3	26300	27100	27500									
10	10	µg/L	Arsenic												
100	700	µg/L	Barium	91.7	93.8	82.6			84.7	85.4		85.3	92.8	74.3	85
10	0.05	µg/L	Benzo(a)anthracene	1.4											
15	3	µg/L	bis(2-Ethylhexyl)phthalate	2.4											
100	700	µg/L	Carbon disulfide												
NE	250000	µg/L	Chloride	5320	5350										
10	10	µg/L	Chromium						1.4	0.96		1.4	2	0.88	0.64
10	5	µg/L	Chrysene	1.5											
10	15	µg/L	Lead												
0.2	1	µg/L	Mercury												
1	5	µg/L	Methylene chloride												
10	20	µg/L	Selenium												
10	20	µg/L	Silver						0.51			0.29	0.48		0.62
NE	NE	µg/L	Sodium	9180	9440	7670									
1	600	µg/L	Toluene												
NE	500000	µg/L	Total Dissolved Solids	95000	93000	95000									
			MW-2R												
5	6	µg/L	1,1-Dichloroethane	1.2	1.1		1.2		1.1						
5	7	µg/L	1,1-Dichloroethene		36.6		38.7								
100	4000	µg/L	2-Butanone (MEK)												
0.1	0.1	µg/L	4,4'-DDT		0.54										
100	6000	µg/L	Acetone				3.7								
0.05	NE	µg/L	Aldrin		0.12										
NE	NE	µg/L	Alkalinity, Total as CaCO3	277000	196000		219000								
0.05	NE	µg/L	alpha-BHC		0.12										
10	10	µg/L	Arsenic												
100	700	µg/L	Barium	335	366		351		273	223		103	80.7	88.5	98.8
1	1	µg/L	Benzene	1.3	1.5		2	1.6	1.3						
15	3	µg/L	bis(2-Ethylhexyl)phthalate	1.1											
1	2	µg/L	Cadmium												
NE	250000	µg/L	Chloride	64000	61500		62400								
5	70	µg/L	Chloroform	0.16			0.26		0.36						3.4
10	10	µg/L	Chromium						5.4	0.49		1.2		1.6	0.5
5	70	µg/L	cis-1,2-Dichloroethene	0.25	0.33		0.46		0.26						
10	NE	µg/L	Cobalt	15.2	14.8		11.8								
0.05	NE	µg/L	delta-BHC		0.18										
0.1	2	µg/L	Endrin	0.27											
0.1	2	µg/L	Endrin aldehyde	0.23	0.28										
0.05	0.008	µg/L	Heptachlor		0.48										
300	300	µg/L	Iron	1730	3190		2980								
10	15	µg/L	Lead												
5	500	µg/L	m&p-Xylene				0.66		0.74						
50	50	µg/L	Manganese	8400	8280		7920								
0.2	1	µg/L	Mercury												
NS	NS	µg/L	Methane					1280							
1	40	µg/L	Methoxychlor		0.83										
1	5	µg/L	Methylene chloride	4.5	3.2		3.5		4.1	4.2					
10	6	µg/L	Naphthalene	1.6	1.9										
50	100	µg/L	Nickel	21.8	22.3		20.9								
NS	NS	µg/L	Nitrogen, Ammonia					0.12							
NE	NE	µg/L	o-Xylene	0.63	1		1.2		0.84						
10	20	µg/L	Silver		5.2		5		2.5	0.85		0.67	0.68	0.58	1.2

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96
														5.8											
90.3	105	81	94	82	78	48	95		96.3	460	120	100	130	280	87	150	110	130	150	160	100	290	100	180	224
																				28					23
0.49							2		3.5		4.3	2.3	5	22	6.6	6.6		5.2	7.8	12	49	11	3	6	
										22				10								12			6
																								0.2	1.8
																			13						
						5.5																			
0.43																									
														21											
																									86
																				11					
102	107	79	90	52	62	43	52		55	60	56	140	100	160	280	61	180	120	150	1100	190	340	200	160	350
												1.9											3		
0.79										2.2		2.1		16	16	3.9	3	14	7.8	210	34	43	4	9	12
														7	8.9		6.5	6.9		68	19	31	14	8	26
					0.34																				0.4
																			13						
0.93																							6		

Facility Permit	34-12

Historic Detections

MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	#####	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
NE	NE	µg/L	Sodium	43400	38400		31800	27200							
250000	250000	µg/L	Sulfate	79500	95000		96300								
1	0.7	µg/L	Tetrachloroethene	1.8	1.7		1.8	1.6	1.4						
NS	NS	µg/L	Tetrahydrofuran	93.2	152		197	274	226						
NE	500000	µg/L	Total Dissolved Solids	564000	531000		498000								
1	3	µg/L	Trichloroethene	0.77	0.82		0.88		0.65						
1	2000	µg/L	Trichlorofluoromethane	16.9	20.9		20.1		31.6	36.1	21.9	22.2			
5	500	µg/L	Xylenes (Total)	0.98	1.6										
10	1000	µg/L	Zinc	24.5	35.2		33.3								
			MW-3R												
NE	NE	µg/L	Alkalinity, Total as CaCO3	142000	150000		155000								
10	10	µg/L	Arsenic									4			
100	700	µg/L	Barium	173	228		237		301	302		314	289	252	231
15	3	µg/L	bis(2-Ethylhexyl)phthalate		5.5										
1	2	µg/L	Cadmium									0.82			
100	700	µg/L	Carbon disulfide										26.1	3.3	
NE	250000	µg/L	Chloride	3920											
10	10	µg/L	Chromium												
10	NE	µg/L	Cobalt		16.4										
10	70	µg/L	Cyanide	9.1	6.5										
300	300	µg/L	Iron	25300	41500		40300								
10	15	µg/L	Lead												
50	50	µg/L	Manganese	11600	9310		7310								
0.2	1	µg/L	Mercury												
10	20	µg/L	Selenium												11.8
10	20	µg/L	Silver						0.6			0.45	1	0.29	1.5
250000	250000	µg/L	Sulfate	5420	6860										
NE	500000	µg/L	Total Dissolved Solids	172000	168000		180000								
			MW-4R												
0.1	0.1	µg/L	4,4'-DDT		0.14										
NE	NE	µg/L	Alkalinity, Total as CaCO3	174000	64300	143000									
10	10	µg/L	Arsenic												
100	700	µg/L	Barium	400	407	328			126	335		55.9	334	58.3	263
1	2	µg/L	Cadmium												
NE	250000	µg/L	Chloride	34500	33200	29200									
1	3	µg/L	Chloromethane						0.15						
10	10	µg/L	Chromium						1.3	0.68		1.3	5.4	1.2	0.58
10	NE	µg/L	Cobalt	35.5	21.5	15									
0.05	NE	µg/L	delta-BHC		0.069										
0.1	42	µg/L	Endosulfan II	0.12											
300	300	µg/L	Iron	344	145	368									
10	15	µg/L	Lead										4.8		
50	50	µg/L	Manganese	541	370	257									
0.2	1	µg/L	Mercury												
1	5	µg/L	Methylene chloride												
10	20	µg/L	Silver						0.88	1.3			2.4		2.6
NE	NE	µg/L	Sodium	43600	40400	35300									
250000	250000	µg/L	Sulfate	73600	98700	61800									
NS	NS	µg/L	Tetrahydrofuran	13.5	8.8										
NE	500000	µg/L	Total Dissolved Solids	435000	374000	345000									
			MW-5R												
100	6000	µg/L	Acetone												
NE	NE	µg/L	Alkalinity, Total as CaCO3	31200	134000	32800									
10	10	µg/L	Arsenic									4.2			
100	700	µg/L	Barium	53.4	57.5	85.2			63.7	53		54.3	66.8	52.6	56.1
15	3	µg/L	bis(2-Ethylhexyl)phthalate	1											
1	2	µg/L	Cadmium												

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96

Facility Permit 34-12

Historic Detections

MCL SWSL	MCL 2L	units	Row Labels (Value)	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	#####	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
100	700	µg/L	Carbon disulfide												
NE	250000	µg/L	Chloride	16100	16100	16400									
1	3	µg/L	Chloromethane												
10	10	µg/L	Chromium		5.2	14.7			7.6	5.8		5	8.6	5.2	5.3
300	300	µg/L	Iron	102	209	3540									
10	15	µg/L	Lead												
50	50	µg/L	Manganese			43.5									
0.2	1	µg/L	Mercury												
1	5	µg/L	Methylene chloride												
10	20	µg/L	Silver						0.57	0.16		0.46	0.6	0.28	0.78
NE	NE	µg/L	Sodium	14500	14200	13300									
250000	250000	µg/L	Sulfate	8400	7910	7020									
NE	500000	µg/L	Total Dissolved Solids	157000	149000	139000									
25	NE	µg/L	Vanadium			13									
10	1000	µg/L	Zinc			15.3									
			MW-6R												
10	10	µg/L	Arsenic												
100	700	µg/L	Barium												
10	10	µg/L	Chromium												
10	15	µg/L	Lead												
0.2	1	µg/L	Mercury												
			MW-7												
1	200	µg/L	1,1,1-Trichloroethane						0.82						
5	6	µg/L	1,1-Dichloroethane	1.2	1.2		1.9		3.8						
0.1	0.1	µg/L	4,4'-DDD		0.13										
NE	NE	µg/L	Alkalinity, Total as CaCO3	51900	50200		47700								
10	10	µg/L	Arsenic									3.4			
100	700	µg/L	Barium	95.1	100		97.1		104	100		99.3	104	86.9	99
0.05	NE	µg/L	beta-BHC		0.1										
100	700	µg/L	Carbon disulfide										12.5		
NE	250000	µg/L	Chloride	3810											
10	3000	µg/L	Chloroethane	1.3											
10	10	µg/L	Chromium							0.55			0.65		0.91
5	70	µg/L	cis-1,2-Dichloroethene	0.62	0.5		0.67		0.71						
0.002	0.002	µg/L	Dieldrin	0.11	0.081										
0.075	0.004	µg/L	Heptachlor epoxide	0.12	0.066										
10	15	µg/L	Lead												
5	500	µg/L	m&p-Xylene						1.4						
50	50	µg/L	Manganese	17.4	10.2		12.7								
0.2	1	µg/L	Mercury												
1	5	µg/L	Methylene chloride												
NE	NE	µg/L	o-Xylene						0.39						
10	20	µg/L	Silver						0.84	0.23		0.56	0.88	0.42	0.96
NE	NE	µg/L	Sodium	13900	13700		12000								
250000	250000	µg/L	Sulfate	2090											
NS	NS	µg/L	Tetrahydrofuran	26	18.9										
NE	500000	µg/L	Total Dissolved Solids	111000	109000		124000								
1	2000	µg/L	Trichlorofluoromethane	0.29			0.34		0.48						
5	500	µg/L	Xylenes (Total)	0.79											
			MW-8												
100	6000	µg/L	Acetone						3.8						
NE	NE	µg/L	Alkalinity, Total as CaCO3	19500	20100		19600								
10	10	µg/L	Arsenic												
100	700	µg/L	Barium	26.9	27.5		24.4		27.3	26.8		28.8	27.2	25	32.8
NE	250000	µg/L	Chloride	1860											
10	10	µg/L	Chromium						0.96	0.62		1.4		0.78	0.97
300	300	µg/L	Iron	60.8	57.8		151								

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96
																				25					
					5.4																				
5.6	8.4	6.4	6.2	6.2	3.5	5.6	14		7.3	8.7	9.5	7.4	23	140	49	82	8.1	29	38	96	170	16	70	43	96
									5.1					13	7.6	7.6		8.2	16	29	69	31	14	20	19
					0.4																				0.8
																			10						
0.56																									
														16											
									28	25	24	41	180	530	62	41	82	59		160	360	260	300	590	1400
									2.2	2.4		3.2	26	95	4.1	2.6		2.8		12	33	14	21	10	12
													7.6	38			5.8				20	14	14	11	18
																									1.4
										8.6				17	16	45			9.8						
95.7	101	89	76	74	60	53	63		180	820	130	210	84	1300	1300	2600	360	390	960	1300	1200	1800	750	970	1930
																				9					
7.3							4.4		26	150	17	32	6.8	270	210	580	2.5	62	190	350	430	410	180	21	28
										24	5.3	6		36	26	65	8.7	12	30	36	38	53	23	6	17
					0.24																	0.2		0.4	1.4
																			10						
0.66													2.6												
									6					36	46	89									
24	26.6	30	29	29	26	25	30		480	52	77	48	150	2700	2600	4200									
0.42							2.4		28	3.2	3.8	2	23	94	92	240									

Facility Permit 34-12

Historic Detections

MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	######	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
10	15	µg/L	Lead												
50	50	µg/L	Manganese				7								
0.2	1	µg/L	Mercury												
10	20	µg/L	Silver						0.1				0.16		0.15
NE	NE	µg/L	Sodium	6980	6250		5410								
NE	500000	µg/L	Total Dissolved Solids	58000	52000		81000								
10	1000	µg/L	Zinc	15.2			45.4								
			MW-9												
NE	NE	µg/L	Alkalinity, Total as CaCO3	17200	20100		17400								
100	700	µg/L	Barium	142	142		141		153	157		134	128	173	124
15	3	µg/L	bis(2-Ethylhexyl)phthalate	13											
NE	250000	µg/L	Chloride	3560											
10	10	µg/L	Chromium											7.6	0.47
			Dichlorodifluoromethane	0.28											
10	15	µg/L	Lead												
10	20	µg/L	Silver						0.43			0.27	0.32	0.18	0.36
NE	NE	µg/L	Sodium	13100	12600		11900								
NE	500000	µg/L	Total Dissolved Solids	118000	123000		128000								
1	2000	µg/L	Trichlorofluoromethane	0.49			0.42		0.26						
			MW-10												
NE	NE	µg/L	Alkalinity, Total as CaCO3	25500	413000		21700								
100	700	µg/L	Barium	101	96.5		91.3		80.7	38.9		46.6	39.1	38.9	41.9
100	700	µg/L	Carbon disulfide										13		
NE	250000	µg/L	Chloride	1800											
10	10	µg/L	Chromium						0.63					0.65	
300	300	µg/L	Iron	218	55.1		424								
10	15	µg/L	Lead												
50	50	µg/L	Manganese	5.1			6.8								
0.2	1	µg/L	Mercury												
10	20	µg/L	Selenium												
10	20	µg/L	Silver						0.12				0.19		
NE	NE	µg/L	Sodium	5280											
NE	500000	µg/L	Total Dissolved Solids	63000	49000		89000								
1	2000	µg/L	Trichlorofluoromethane	0.49			0.68		0.52						
			MW-11												
0.1	0.1	µg/L	4,4'-DDT		0.05										
NE	NE	µg/L	Alkalinity, Total as CaCO3	153000	120000		122000								
100	700	µg/L	Barium	76.8	70.3		57.5		56.2	48.1		37.6	31.8	28.4	28.6
10	200	µg/L	Benzo(g,h,i)perylene		1.3										
NE	250000	µg/L	Chloride	12900	10800		8480								
10	10	µg/L	Chromium												
300	300	µg/L	Iron	29000	26300		23000								
50	50	µg/L	Manganese	1740	1580		1250								
10	20	µg/L	Selenium												8.7
10	20	µg/L	Silver						1.2			0.48	0.5		0.79
NE	NE	µg/L	Sodium	8770	7460		6480								
250000	250000	µg/L	Sulfate	10400	9700		7590								
NS	NS	µg/L	Tetrahydrofuran		4.4				12.1						
NE	500000	µg/L	Total Dissolved Solids	220000	161000		165000								
10	1000	µg/L	Zinc	92											
			MW-12												
NE	NE	µg/L	Alkalinity, Total as CaCO3	40200	37200		40200								
10	10	µg/L	Arsenic									2.7			
100	700	µg/L	Barium	50.5	46.9		60.1		39.1	44.9		40.6	38	34.5	57.9
10	200	µg/L	Benzo(g,h,i)perylene		1.2										
NE	250000	µg/L	Chloride	4900	8200		8030								
1	3	µg/L	Chloromethane						0.21						

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96
									41		6.7			150	210	400									
0.1					0.26																				
0.13	0.16																								
124	117	140	140	100	100	85	95	240																	
								14																	
								14																	
0.22	0.32																								
42	40.8	52	71	48	46	82	55	98																	
								13																	
								6.8																	
					0.2																				
								6.2																	
29.2	23.1	25	24	26	27	24	28	47																	
							3.9	3.3																	
0.41	0.39																								
60.5	47.3	31	66	55	77	50	77	74																	

Facility Permit 34-12

Historic Detections

MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	#####	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
10	10	µg/L	Chromium						2.6	1.1		2.4		2	
10	0.05	µg/L	Indeno(1,2,3-cd)pyrene		1.2										
300	300	µg/L	Iron	1430	539		3030								
50	50	µg/L	Manganese	33.6	15.7		58.3								
10	20	µg/L	Silver						0.7			0.2	0.39		0.37
NE	NE	µg/L	Sodium	11000	11600		9980								
250000	250000	µg/L	Sulfate	24200	20500		15300								
NE	500000	µg/L	Total Dissolved Solids	127000	130000		124000								
10	1000	µg/L	Zinc	30.8											
			MW-13												
5	7	µg/L	1,1-Dichloroethene										19.8		
NE	NE	µg/L	Alkalinity, Total as CaCO3	43900	52200		44500								
100	700	µg/L	Barium	279	144		139		164	176		126	117	79.2	88.7
10	0.005	µg/L	Benzo(a)pyrene		1.1										
10	0.05	µg/L	Benzo(b)fluoranthene		1										
10	200	µg/L	Benzo(g,h,i)perylene		1.5										
1	NE	µg/L	Beryllium	3.5	1.4		2.3								
NE	250000	µg/L	Chloride	6150	5380										
10	10	µg/L	Chromium	11.8			5.5		3.9	4		1.7	0.8	1.6	2.2
10	1000	µg/L	Copper	6.9			6.1								
10	0.005	µg/L	Dibenz(a,h)anthracene		1.2										
10	0.05	µg/L	Indeno(1,2,3-cd)pyrene		1.5										
300	300	µg/L	Iron	11300	3760		6140								
10	15	µg/L	Lead	7.5			6.4			4.3					
50	50	µg/L	Manganese	301	91.5		140								
10	20	µg/L	Silver						0.72			0.4	0.41		0.44
NE	NE	µg/L	Sodium	14600	16700		20200								
250000	250000	µg/L	Sulfate	9770	9420		9460								
1000	NE	µg/L	Sulfide	106	178										
NS	NS	µg/L	Tetrahydrofuran						18.6						
NE	500000	µg/L	Total Dissolved Solids	144000	110000		159000								
1	2000	µg/L	Trichlorofluoromethane										18.6		
25	NE	µg/L	Vanadium	18.7	7.2		10.8								
10	1000	µg/L	Zinc	51	20		31.6								
			MW-14												
NE	NE	µg/L	Alkalinity, Total as CaCO3	28900	30100		30400								
10	10	µg/L	Arsenic												7.3
100	700	µg/L	Barium	160	122		143		125	129		130	242	97.9	583
15	3	µg/L	bis(2-Ethylhexyl)phthalate	9.8											
NE	250000	µg/L	Chloride	4790											
1	3	µg/L	Chloromethane						0.24						
10	10	µg/L	Chromium	6					1.8	2.3		3	10.7	0.4	40.2
10	1000	µg/L	Copper	5.8											
300	300	µg/L	Iron	4520	1140		2050								
10	15	µg/L	Lead										7.2		26.2
50	50	µg/L	Manganese	251	170		71								
0.2	1	µg/L	Mercury												
50	100	µg/L	Nickel	13.7	12.5										
10	20	µg/L	Silver						0.74			0.39	0.54		0.46
NE	NE	µg/L	Sodium	15000	14300		12700								
NE	500000	µg/L	Total Dissolved Solids	127000	145000		138000								
25	NE	µg/L	Vanadium	8											
10	1000	µg/L	Zinc	23			12								
			MW-15												
5	7	µg/L	1,1-Dichloroethene		3.1										
0.1	0.1	µg/L	4,4'-DDD	0.062											
NE	NE	µg/L	Alkalinity, Total as CaCO3	77600	75300										

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96
1.8				4			2.1																		
0.15	0.26																								
64.6	85.6	79	62	65	59	46	57	160																	
1.1				2			4.8	9.2																	
								11																	
0.21																									
			8.3																						
186	130	210	460	250	120	69	66	170																	
4.1	1.7	6.6	35	15	3.9			3.2																	
		5.2	23	13	5.9			8																	
	0.098				0.44																				
0.56	0.48																								

Facility Permit 34-12

Historic Detections

MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	#####	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
10	10	µg/L	Arsenic	7.1	5.7										
100	700	µg/L	Barium	143	115										
NE	250000	µg/L	Chloride	143000	60600										
5	70	µg/L	Chloroform	0.49	1.4										
10	10	µg/L	Chromium	6.7	7.2										
10	1000	µg/L	Copper	10.5											
300	300	µg/L	Iron	12300	10000										
10	15	µg/L	Lead	9.5	7.6										
50	50	µg/L	Manganese	317	327										
NE	NE	µg/L	Sodium	21200	16300										
250000	250000	µg/L	Sulfate	35600	25800										
1000	NE	µg/L	Sulfide	100											
NS	NS	µg/L	Tetrahydrofuran	6.3											
NE	500000	µg/L	Total Dissolved Solids	298000	260000										
1	2000	µg/L	Trichlorofluoromethane	8.1	7.3										
25	NE	µg/L	Vanadium	28.6	23.4										
10	1000	µg/L	Zinc	45.6	51.1										
			SW-1												
100	6000	µg/L	Acetone				2.2								
NE	NE	µg/L	Alkalinity, Total as CaCO3	79700	47200		19600								
10	10	µg/L	Arsenic									3.7			
100	700	µg/L	Barium	63.3	70.4		42.5		69.9	61.9		92.5	77.7	45.6	78.2
NE	250000	µg/L	Chloride	19700	25300		19100								
10	10	µg/L	Chromium											0.61	0.67
0.1	2	µg/L	Endrin	0.08											
300	300	µg/L	Iron	25500	11400		2290								
10	15	µg/L	Lead										17.5		
50	50	µg/L	Manganese	1720	1040		130								
0.2	1	µg/L	Mercury												
10	20	µg/L	Silver						0.4			0.28	0.62		0.39
NE	NE	µg/L	Sodium	15500	14300		9390								
250000	250000	µg/L	Sulfate	2090											
NE	500000	µg/L	Total Dissolved Solids	131000	98000		140000								
			SW-2												
20	NE	µg/L	3,3'-Dichlorobenzidine		3.6										
10	NE	µg/L	3-Methylcholanthrene		2.9										
100	6000	µg/L	Acetone				4								
NE	NE	µg/L	Alkalinity, Total as CaCO3	44700	44200		26100								
10	10	µg/L	Arsenic												
100	700	µg/L	Barium	46.5	53.4		81		49.2	57.6		59.4	52.1	46.3	50.6
10	0.05	µg/L	Benzo(a)anthracene		1.1										
10	0.005	µg/L	Benzo(a)pyrene		2.5										
10	0.05	µg/L	Benzo(b)fluoranthene		2.8										
10	200	µg/L	Benzo(g,h,i)perylene		1.8										
10	0.5	µg/L	Benzo(k)fluoranthene		2.5										
15	3	µg/L	bis(2-Ethylhexyl)phthalate		1.1										
NE	250000	µg/L	Chloride	10300	11300		10900								
10	10	µg/L	Chromium											0.42	
10	5	µg/L	Chrysene		1.1										
10	0.005	µg/L	Dibenz(a,h)anthracene		2.1										
10	0.05	µg/L	Indeno(1,2,3-cd)pyrene		2.2										
300	300	µg/L	Iron	1280	1720		4170								
10	15	µg/L	Lead												
50	50	µg/L	Manganese	106	157		280								
0.2	1	µg/L	Mercury										0.081		
10	20	µg/L	Selenium												
10	20	µg/L	Silver						0.2			0.2	0.36		0.5

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	#####	Nov-03	#####	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	#####	Oct-97	#####	Oct-96	Jan-96

Facility Permit	34-12

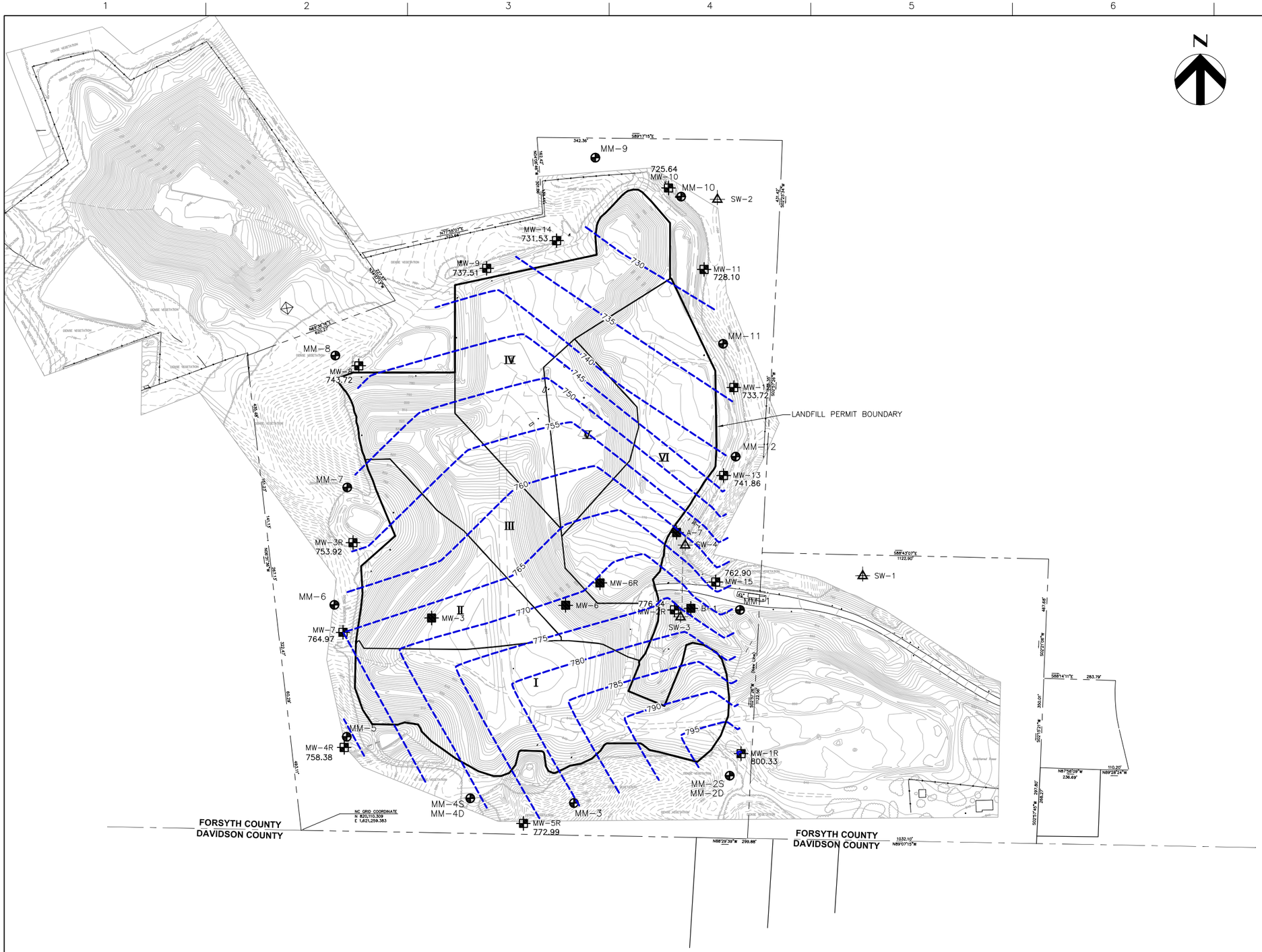
Historic Detections

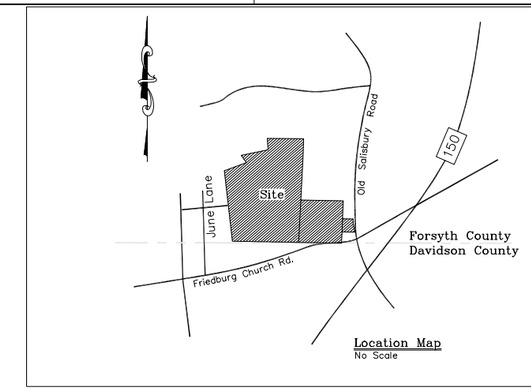
MCL			Value	Column Labels											
SWSL	2L	units	Row Labels	Nov-12	Apr-12	Dec-11	Nov-11	Jun-11	#####	Nov-10	Apr-10	Mar-10	Sep-09	Mar-09	Dec-08
NE	NE	µg/L	Sodium	9990	9890		8650								
250000	250000	µg/L	Sulfate	4240	6180		38300								
NE	500000	µg/L	Total Dissolved Solids	101000	101000		189000								
25	NE	µg/L	Vanadium				7.5								
10	1000	µg/L	Zinc				13.5								
			SW-3												
0.1	0.1	µg/L	4,4'-DDD	0.079											
0.1	0.1	µg/L	4,4'-DDT		0.09										
NE	NE	µg/L	Alkalinity, Total as CaCO3	317000	221000	160000									
100	700	µg/L	Barium	315	179	123									
1	1	µg/L	Benzene	0.34	0.25										
NE	250000	µg/L	Chloride	24300	22800	20900									
10	NE	µg/L	Cobalt	13	5.5										
0.1	42	µg/L	Endosulfan II	0.071	0.085										
300	300	µg/L	Iron	16500	9370	3230									
50	50	µg/L	Manganese	5200	3760	1890									
NE	NE	µg/L	Sodium	33800	21300	18500									
250000	250000	µg/L	Sulfate	36400	26400	19800									
NS	NS	µg/L	Tetrahydrofuran	4.8	4.5										
NE	500000	µg/L	Total Dissolved Solids	432000	329000	237000									
			SW-4												
5	7	µg/L	1,1-Dichloroethene			0.58									
0.1	0.1	µg/L	4,4'-DDD	0.11	0.062										
0.1	0.1	µg/L	4,4'-DDT		0.054										
NE	NE	µg/L	Alkalinity, Total as CaCO3	220000	158000	131000									
100	700	µg/L	Barium	151	136	105									
NE	250000	µg/L	Chloride	28800	30900	23600									
5	70	µg/L	Chloroform		0.97										
0.1	42	µg/L	Endosulfan II		0.066										
0.1	2	µg/L	Endrin aldehyde		0.061										
300	300	µg/L	Iron	1640	2140	1060									
50	50	µg/L	Manganese	2430	2420	1290									
NE	NE	µg/L	Sodium	29000	20000	17900									
250000	250000	µg/L	Sulfate	32300	23600	19500									
NE	500000	µg/L	Total Dissolved Solids	349000	272000	234000									
1	2000	µg/L	Trichlorofluoromethane		1.4										

Old Salisbury Road Landfill (C&D)

Highlighted cells are at or above the current standard. Blank cells indicate either NS or ND.

Mar-08	Nov-07	Apr-07	Nov-06	Apr-06	Nov-05	Jun-05	Nov-04	Aug-04	######	Nov-03	######	Dec-02	Apr-02	Nov-01	Jul-01	Dec-00	Jun-00	Nov-99	Jun-99	Nov-98	######	Oct-97	######	Oct-96	Jan-96





LEGEND

- EXISTING CONTOURS
- PROPERTY BOUNDARY
- COUNTY LINE
- PERMIT/PHASE BOUNDARY
- STREAM

PROPOSED	EXISTING	ABANDONED	
			MONITORING WELLS (MW & OW)
			METHANE PROBES (MM)
	SW-1		SURFACE WATER
			GROUNDWATER CONTOURS

NOTES

1. AERIAL TOPOGRAPHIC SURVEY PROVIDED BY BRADY SURVEYING COMPANY. DATE OF PHOTOGRAPH IS JANUARY 3, 2011.
2. PROPERTY SURVEY TAKEN FROM DATA SUPPLIED BY BRADY SURVEYING, INC. DATED MARCH 14, 1994.
3. GROUNDWATER ELEVATIONS MEASURED ON NOV. 19, 2012.
4. MSL – MEAN SEA LEVEL

HDR
HDR Engineering, Inc.

ISSUE	DATE	DESCRIPTION
A	05/2012	ISSUED WITH GW REPORT

CLIENT MANAGER	M.D. PLUMMER, P.E.
PROJECT MANAGER	E.A. WRIGHT, P.E.
CAD	J. GAUL
PROJECT NUMBER	00162.190539.018

Winston-Salem • Forsyth County
City/County Utilities
Water • Sewer • Solid Waste Disposal

OLD SALISBURY ROAD
C & D LANDFILL
WINSTON-SALEM NORTH CAROLINA

FALL 2012
GROUNDWATER CONTOURS
AND MONITORING LOCATIONS

0 1" 2"

FILENAME	00D-03.dwg
SCALE	1"=200'

SHEET
FIG. 1

C:\pwworking\tpald0131119\00D-03.dwg, Layout1, 12/21/2012 3:48:02 PM, jgaul

Pace Analytical Services, Inc.
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(828)254-7176

Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

December 20, 2012

Mr. Eric Wright
HDR Engineering
440 South Church Street
Suite 1000
Charlotte, NC 28202

RE: Project: OSR
Pace Project No.: 92139188

Dear Mr. Wright:
Enclosed are the analytical results for sample(s) received by the laboratory between November 19, 2012 and November 21, 2012. 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.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

Per client request, report revised December 20, 2012 to update the sample ID permit number from 3402 to 3412.

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

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: OSR
Pace Project No.: 92139188

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pace Analytical Services - Ormond certification number E83509
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92139188001	**3412-FIELD BLANK**	EPA 8260	MCK	71	PASI-C
92139188002	**3412-MW13**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188003	**3412-MW12**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188004	**3412-MW11**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188005	**3412-MW10**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188006	**3412-MW14**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188007	**3412-MW9**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188008	**3412-MW8**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188009	**3412-MW1R**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188010	**3412-MW5R**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188011	**3412-MW4R**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188012	**3412-MW7**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188013	**3412-MW3R**	EPA 8081	RES	21	PASI-C
		EPA 8082	MEJ	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA, JMW	19	PASI-A

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188014	**3412-SW1**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JDA	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188015	**3412-SW2**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188016	**3412-SW4**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188017	**3412-MW15**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188018	**3412-SW3**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92139188019	**3412-MW2R**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	19	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8270	PPM	111	PASI-C
		EPA 8260	MCK	71	PASI-C
		SM 2320B	KCS	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		SM 4500-S2D	AES	1	PASI-A
		EPA 300.0	AES	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92139188020	**3412-TRIP BLANK**	EPA 8260	MCK	71	PASI-C

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-FIELD BLANK **Lab ID: 92139188001** Collected: 11/19/12 07:25 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 02:43	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 02:43	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 02:43	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 02:43	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 02:43	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 02:43	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 02:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 02:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 02:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 02:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 02:43	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 02:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 02:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 02:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 02:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 02:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 02:43	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 02:43	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 02:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 02:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 02:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 02:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 02:43	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 02:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 02:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 02:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 02:43	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 02:43	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 02:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 02:43	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 02:43	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 02:43	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 02:43	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 02:43	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 02:43	80-62-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-FIELD BLANK **Lab ID: 92139188001** Collected: 11/19/12 07:25 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 02:43	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 02:43	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 02:43	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 02:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 02:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 02:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 02:43	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 02:43	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 02:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 02:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 02:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 02:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 02:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 02:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 02:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 02:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 02:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 02:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 02:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 02:43	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/22/12 02:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		11/22/12 02:43	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		11/22/12 02:43	2037-26-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:25		
Collected Date	**11/19/12**			1		11/26/12 08:25		
Collected Time	**17:15**			1		11/26/12 08:25		
Field pH	**5.5**	Std. Units	0.10	1		11/26/12 08:25		
Field Temperature	**15.8**	deg C	0.50	1		11/26/12 08:25		
Static Water Level	**9.34**	feet		1		11/26/12 08:25		
Field Specific Conductance	**136**	umhos/cm	1.0	1		11/26/12 08:25		
Oxygen, Dissolved	**2.3**	mg/L		1		11/26/12 08:25	7782-44-7	
Total Well Depth	**20**	feet		1		11/26/12 08:25		
REDOX	**246**	mV		1		11/26/12 08:25		
Turbidity	**605**	NTU	1.0	1		11/26/12 08:25		
Odor	**NONE**			1		11/26/12 08:25		
Appearance	**TURBID**			1		11/26/12 08:25		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 16:39	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:39	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 16:39	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 16:39	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	79	%	20-130	1	11/20/12 15:00	11/28/12 16:39	877-09-8	
Decachlorobiphenyl (S)	67	%	20-130	1	11/20/12 15:00	11/28/12 16:39	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:31	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	63	%	10-132	1	11/20/12 15:00	11/26/12 21:31	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 11:11	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:11	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:11	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:11	93-72-1	
Surrogates								
2,4-DCAA (S)	111	%	42-142	1	11/26/12 08:15	11/27/12 11:11	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:47	7440-38-2	
Barium	**279**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-39-3	
Beryllium	**3.5**	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:47	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:47	7440-43-9	
Chromium	**11.8**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-48-4	
Copper	**6.9**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-50-8	
Iron	**11300**	ug/L	50.0	1	11/28/12 11:30	12/01/12 19:47	7439-89-6	
Lead	**7.5**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7439-92-1	
Manganese	**301**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:47	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-22-4	
Sodium	**14600**	ug/L	5000	1	11/28/12 11:30	12/01/12 19:47	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 19:47	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-31-5	
Vanadium	**18.7**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:47	7440-62-2	
Zinc	**51.0**	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:47	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:36	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 16:32	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 16:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/20/12 15:00	11/29/12 16:32	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 16:32	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 16:32	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 16:32	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 16:32	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 16:32	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 16:32	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 16:32	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 16:32	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 16:32	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 16:32	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 16:32	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 16:32	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	37	%	21-110	1	11/20/12 15:00	11/29/12 16:32	4165-60-0	
2-Fluorobiphenyl (S)	36	%	27-110	1	11/20/12 15:00	11/29/12 16:32	321-60-8	
Terphenyl-d14 (S)	69	%	31-107	1	11/20/12 15:00	11/29/12 16:32	1718-51-0	
Phenol-d6 (S)	10	%	10-110	1	11/20/12 15:00	11/29/12 16:32	13127-88-3	
2-Fluorophenol (S)	16	%	12-110	1	11/20/12 15:00	11/29/12 16:32	367-12-4	
2,4,6-Tribromophenol (S)	31	%	27-110	1	11/20/12 15:00	11/29/12 16:32	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 02:59	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 02:59	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 02:59	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 02:59	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 02:59	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 02:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 02:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 02:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 02:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 02:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 02:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 02:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 02:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 02:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 02:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 02:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 02:59	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 02:59	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 02:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 02:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 02:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 02:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 02:59	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 02:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 02:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 02:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 02:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 02:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:59	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 02:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 02:59	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 02:59	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 02:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 02:59	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 02:59	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 02:59	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 02:59	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 02:59	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 02:59	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 02:59	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 02:59	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 02:59	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 02:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 02:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 02:59	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 02:59	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 02:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 02:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 02:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 02:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 02:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 02:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 02:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 02:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 02:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 02:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 02:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 02:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/22/12 02:59	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		11/22/12 02:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		11/22/12 02:59	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		11/22/12 02:59	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**43900**	ug/L	5000	1		11/21/12 12:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**144000**	ug/L	25000	1		11/21/12 18:21		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	**106**	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW13 **Lab ID: 92139188002** Collected: 11/19/12 17:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**9770**	ug/L	2000	1		12/05/12 19:49	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**6150**	ug/L	1000	1		12/04/12 18:53	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:03	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:27		
Collected Date	**11/19/12**			1		11/26/12 08:27		
Collected Time	**16:20**			1		11/26/12 08:27		
Field pH	**5.9**	Std. Units	0.10	1		11/26/12 08:27		
Field Temperature	**16.1**	deg C	0.50	1		11/26/12 08:27		
Static Water Level	**5.36**	feet		1		11/26/12 08:27		
Field Specific Conductance	**158**	umhos/cm	1.0	1		11/26/12 08:27		
Oxygen, Dissolved	**3.0**	mg/L		1		11/26/12 08:27	7782-44-7	
Total Well Depth	**15.58**	feet		1		11/26/12 08:27		
REDOX	**150**	mV		1		11/26/12 08:27		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:27		
Odor	**NONE**			1		11/26/12 08:27		
Appearance	**CLEAR**			1		11/26/12 08:27		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 16:56	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 16:56	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 16:56	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 16:56	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	80	%	20-130	1	11/20/12 15:00	11/28/12 16:56	877-09-8	
Decachlorobiphenyl (S)	98	%	20-130	1	11/20/12 15:00	11/28/12 16:56	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 21:51	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	97	%	10-132	1	11/20/12 15:00	11/26/12 21:51	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 11:41	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:41	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:41	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 11:41	93-72-1	
Surrogates								
2,4-DCAA (S)	96	%	42-142	1	11/26/12 08:15	11/27/12 11:41	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:51	7440-38-2	
Barium	**50.5**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:51	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:51	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-50-8	
Iron	**1430**	ug/L	50.0	1	11/28/12 11:30	12/01/12 19:51	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7439-92-1	
Manganese	**33.6**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:51	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-22-4	
Sodium	**11000**	ug/L	5000	1	11/28/12 11:30	12/01/12 19:51	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 19:51	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:51	7440-62-2	
Zinc	**30.8**	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:51	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:43	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:10	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/20/12 15:00	11/29/12 17:10	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 17:10	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:10	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:10	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:10	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:10	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:10	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:10	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:10	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 17:10	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:10	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:10	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	51	%	21-110	1	11/20/12 15:00	11/29/12 17:10	4165-60-0	
2-Fluorobiphenyl (S)	50	%	27-110	1	11/20/12 15:00	11/29/12 17:10	321-60-8	
Terphenyl-d14 (S)	90	%	31-107	1	11/20/12 15:00	11/29/12 17:10	1718-51-0	
Phenol-d6 (S)	15	%	10-110	1	11/20/12 15:00	11/29/12 17:10	13127-88-3	
2-Fluorophenol (S)	23	%	12-110	1	11/20/12 15:00	11/29/12 17:10	367-12-4	
2,4,6-Tribromophenol (S)	53	%	27-110	1	11/20/12 15:00	11/29/12 17:10	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 03:15	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 03:15	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 03:15	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 03:15	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 03:15	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 03:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 03:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 03:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 03:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 03:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 03:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 03:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 03:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 03:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 03:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 03:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 03:15	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 03:15	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 03:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 03:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 03:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 03:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 03:15	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 03:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:15	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 03:15	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 03:15	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 03:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 03:15	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 03:15	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 03:15	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 03:15	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 03:15	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 03:15	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 03:15	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 03:15	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 03:15	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 03:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 03:15	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 03:15	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 03:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 03:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 03:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 03:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 03:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 03:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 03:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 03:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 03:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 03:15	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		11/22/12 03:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		11/22/12 03:15	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		11/22/12 03:15	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**40200**	ug/L	5000	1		11/21/12 12:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**127000**	ug/L	25000	1		11/21/12 18:21		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW12 **Lab ID: 92139188003** Collected: 11/19/12 16:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**24200**	ug/L	2000	1		12/05/12 20:29	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4900**	ug/L	1000	1		12/04/12 18:54	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:04	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:29		
Collected Date	**11/19/12**			1		11/26/12 08:29		
Collected Time	**15:15**			1		11/26/12 08:29		
Field pH	**6.1**	Std. Units	0.10	1		11/26/12 08:29		
Field Temperature	**16.0**	deg C	0.50	1		11/26/12 08:29		
Static Water Level	**4.45**	feet		1		11/26/12 08:29		
Field Specific Conductance	**354**	umhos/cm	1.0	1		11/26/12 08:29		
Oxygen, Dissolved	**0.9**	mg/L		1		11/26/12 08:29	7782-44-7	
Total Well Depth	**20**	feet		1		11/26/12 08:29		
REDOX	**-61**	mV		1		11/26/12 08:29		
Turbidity	**25**	NTU	1.0	1		11/26/12 08:29		
Odor	**SULFUROUS**			1		11/26/12 08:29		
Appearance	**CLEAR**			1		11/26/12 08:29		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:14	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:14	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 17:14	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:14	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	95	%	20-130	1	11/20/12 15:00	11/28/12 17:14	877-09-8	
Decachlorobiphenyl (S)	98	%	20-130	1	11/20/12 15:00	11/28/12 17:14	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:11	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	87	%	10-132	1	11/20/12 15:00	11/26/12 22:11	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 12:11	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:11	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:11	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:11	93-72-1	
Surrogates								
2,4-DCAA (S)	8	%	42-142	1	11/26/12 08:15	11/27/12 12:11	19719-28-9	S5
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:54	7440-38-2	
Barium	**76.8**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:54	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-50-8	
Iron	**29000**	ug/L	50.0	1	11/28/12 11:30	12/01/12 19:54	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7439-92-1	
Manganese	**1740**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:54	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-22-4	
Sodium	**8770**	ug/L	5000	1	11/28/12 11:30	12/01/12 19:54	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 19:54	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:54	7440-62-2	
Zinc	**92.0**	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:46	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:47	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/20/12 15:00	11/29/12 17:47	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 17:47	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:47	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:47	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:47	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:47	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 17:47	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:47	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:47	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 17:47	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 17:47	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 17:47	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 17:47	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	62	%	21-110	1	11/20/12 15:00	11/29/12 17:47	4165-60-0	
2-Fluorobiphenyl (S)	58	%	27-110	1	11/20/12 15:00	11/29/12 17:47	321-60-8	
Terphenyl-d14 (S)	105	%	31-107	1	11/20/12 15:00	11/29/12 17:47	1718-51-0	
Phenol-d6 (S)	19	%	10-110	1	11/20/12 15:00	11/29/12 17:47	13127-88-3	
2-Fluorophenol (S)	29	%	12-110	1	11/20/12 15:00	11/29/12 17:47	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110	1	11/20/12 15:00	11/29/12 17:47	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 03:30	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 03:30	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 03:30	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 03:30	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 03:30	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 03:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 03:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 03:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 03:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 03:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 03:30	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 03:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 03:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 03:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 03:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 03:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 03:30	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 03:30	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 03:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 03:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 03:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 03:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 03:30	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 03:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:30	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 03:30	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 03:30	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 03:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 03:30	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 03:30	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 03:30	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 03:30	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 03:30	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 03:30	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 03:30	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 03:30	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 03:30	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 03:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 03:30	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 03:30	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 03:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 03:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 03:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 03:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 03:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 03:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 03:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 03:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 03:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 03:30	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		11/22/12 03:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		11/22/12 03:30	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		11/22/12 03:30	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**153000**	ug/L	5000	1		11/21/12 13:05		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**220000**	ug/L	25000	1		11/21/12 18:22		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW11 **Lab ID: 92139188004** Collected: 11/19/12 15:15 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**10400**	ug/L	2000	1		12/05/12 20:43	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**12900**	ug/L	1000	1		12/05/12 20:27	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:05	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:31		
Collected Date	**11/19/12**			1		11/26/12 08:31		
Collected Time	**14:20**			1		11/26/12 08:31		
Field pH	**5.0**	Std. Units	0.10	1		11/26/12 08:31		
Field Temperature	**16.3**	deg C	0.50	1		11/26/12 08:31		
Static Water Level	**12.56**	feet		1		11/26/12 08:31		
Field Specific Conductance	**63**	umhos/cm	1.0	1		11/26/12 08:31		
Oxygen, Dissolved	**4.4**	mg/L		1		11/26/12 08:31	7782-44-7	
Total Well Depth	**21.0**	feet		1		11/26/12 08:31		
REDOX	**366**	mV		1		11/26/12 08:31		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:31		
Odor	**NONE**			1		11/26/12 08:31		
Appearance	**CLEAR**			1		11/26/12 08:31		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:32	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:32	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 17:32	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:32	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	77	%	20-130	1	11/20/12 15:00	11/28/12 17:32	877-09-8	
Decachlorobiphenyl (S)	86	%	20-130	1	11/20/12 15:00	11/28/12 17:32	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:31	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	87	%	10-132	1	11/20/12 15:00	11/26/12 22:31	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 12:41	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:41	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:41	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 12:41	93-72-1	
Surrogates								
2,4-DCAA (S)	93	%	42-142	1	11/26/12 08:15	11/27/12 12:41	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:58	7440-38-2	
Barium	**101**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 19:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-50-8	
Iron	**218**	ug/L	50.0	1	11/28/12 11:30	12/01/12 19:58	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7439-92-1	
Manganese	**5.1**	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:58	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-22-4	
Sodium	**5280**	ug/L	5000	1	11/28/12 11:30	12/01/12 19:58	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 19:58	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 19:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 19:58	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:49	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 18:25	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 18:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/20/12 15:00	11/29/12 18:25	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 18:25	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 18:25	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 18:25	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 18:25	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 18:25	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 18:25	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 18:25	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 18:25	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 18:25	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 18:25	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 18:25	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 18:25	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	69	%	21-110	1	11/20/12 15:00	11/29/12 18:25	4165-60-0	
2-Fluorobiphenyl (S)	69	%	27-110	1	11/20/12 15:00	11/29/12 18:25	321-60-8	
Terphenyl-d14 (S)	96	%	31-107	1	11/20/12 15:00	11/29/12 18:25	1718-51-0	
Phenol-d6 (S)	22	%	10-110	1	11/20/12 15:00	11/29/12 18:25	13127-88-3	
2-Fluorophenol (S)	36	%	12-110	1	11/20/12 15:00	11/29/12 18:25	367-12-4	
2,4,6-Tribromophenol (S)	62	%	27-110	1	11/20/12 15:00	11/29/12 18:25	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 03:46	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 03:46	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 03:46	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 03:46	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 03:46	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 03:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 03:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 03:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 03:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 03:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 03:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 03:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 03:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 03:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 03:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 03:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 03:46	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 03:46	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 03:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 03:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 03:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 03:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 03:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 03:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 03:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 03:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 03:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:46	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 03:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 03:46	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 03:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 03:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 03:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 03:46	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 03:46	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 03:46	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 03:46	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 03:46	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 03:46	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 03:46	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 03:46	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 03:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 03:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 03:46	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 03:46	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 03:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 03:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 03:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 03:46	79-01-6	
Trichlorofluoromethane	**0.49J**	ug/L	1.0	1		11/22/12 03:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 03:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 03:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 03:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 03:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 03:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 03:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 03:46	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		11/22/12 03:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		11/22/12 03:46	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		11/22/12 03:46	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**25500**	ug/L	5000	1		11/21/12 13:14		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**63000**	ug/L	25000	1		11/21/12 18:22		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW10 **Lab ID: 92139188005** Collected: 11/19/12 14:20 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	ND	ug/L	2000	1		12/05/12 20:57	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**1800**	ug/L	1000	1		12/05/12 20:29	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:06	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:33		
Collected Date	**11/19/12**			1		11/26/12 08:33		
Collected Time	**12:50**			1		11/26/12 08:33		
Field pH	**5.5**	Std. Units	0.10	1		11/26/12 08:33		
Field Temperature	**15.8**	deg C	0.50	1		11/26/12 08:33		
Static Water Level	**52.33**	feet		1		11/26/12 08:33		
Field Specific Conductance	**137**	umhos/cm	1.0	1		11/26/12 08:33		
Oxygen, Dissolved	**6.4**	mg/L		1		11/26/12 08:33	7782-44-7	
Total Well Depth	**60**	feet		1		11/26/12 08:33		
REDOX	**365**	mV		1		11/26/12 08:33		
Turbidity	**329**	NTU	1.0	1		11/26/12 08:33		
Odor	**NONE**			1		11/26/12 08:33		
Appearance	**CLOUDY**			1		11/26/12 08:33		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:49	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 17:49	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 17:49	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 17:49	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	72	%	20-130	1	11/20/12 15:00	11/28/12 17:49	877-09-8	
Decachlorobiphenyl (S)	67	%	20-130	1	11/20/12 15:00	11/28/12 17:49	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 22:50	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	70	%	10-132	1	11/20/12 15:00	11/26/12 22:50	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 13:11	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:11	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:11	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:11	93-72-1	
Surrogates								
2,4-DCAA (S)	97	%	42-142	1	11/26/12 08:15	11/27/12 13:11	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:01	7440-38-2	
Barium	**160**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:01	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:01	7440-43-9	
Chromium	**6.0**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-48-4	
Copper	**5.8**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-50-8	
Iron	**4520**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:01	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7439-92-1	
Manganese	**251**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7439-96-5	
Nickel	**13.7**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:01	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-22-4	
Sodium	**15000**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:01	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:01	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-31-5	
Vanadium	**8.0**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:01	7440-62-2	
Zinc	**23.0**	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:01	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:51	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 19:02	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 19:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	298-04-4	
bis(2-Ethylhexyl)phthalate	**9.8**	ug/L	6.0	1	11/20/12 15:00	11/29/12 19:02	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 19:02	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 19:02	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 19:02	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 19:02	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 19:02	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 19:02	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 19:02	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 19:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 19:02	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 19:02	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 19:02	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 19:02	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	68	%	21-110	1	11/20/12 15:00	11/29/12 19:02	4165-60-0	
2-Fluorobiphenyl (S)	64	%	27-110	1	11/20/12 15:00	11/29/12 19:02	321-60-8	
Terphenyl-d14 (S)	78	%	31-107	1	11/20/12 15:00	11/29/12 19:02	1718-51-0	
Phenol-d6 (S)	21	%	10-110	1	11/20/12 15:00	11/29/12 19:02	13127-88-3	
2-Fluorophenol (S)	33	%	12-110	1	11/20/12 15:00	11/29/12 19:02	367-12-4	
2,4,6-Tribromophenol (S)	62	%	27-110	1	11/20/12 15:00	11/29/12 19:02	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 04:02	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 04:02	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 04:02	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 04:02	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 04:02	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 04:02	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 04:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 04:02	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 04:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 04:02	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 04:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 04:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 04:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 04:02	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 04:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 04:02	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 04:02	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 04:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 04:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 04:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 04:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 04:02	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 04:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:02	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 04:02	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 04:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 04:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 04:02	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 04:02	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 04:02	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 04:02	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 04:02	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 04:02	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 04:02	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 04:02	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 04:02	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 04:02	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 04:02	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 04:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 04:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 04:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 04:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 04:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 04:02	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 04:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 04:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 04:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		11/22/12 04:02	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		11/22/12 04:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		11/22/12 04:02	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		11/22/12 04:02	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**28900**	ug/L	5000	1		11/21/12 13:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**127000**	ug/L	25000	1		11/21/12 18:22		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW14 **Lab ID: 92139188006** Collected: 11/19/12 12:50 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	ND	ug/L	2000	1		12/05/12 21:10	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4790**	ug/L	1000	1		12/05/12 20:30	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:07	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:37		
Collected Date	**11/19/12**			1		11/26/12 08:37		
Collected Time	**12:00**			1		11/26/12 08:37		
Field pH	**5.5**	Std. Units	0.10	1		11/26/12 08:37		
Field Temperature	**16.0**	deg C	0.50	1		11/26/12 08:37		
Static Water Level	**52.76**	feet		1		11/26/12 08:37		
Field Specific Conductance	**134**	umhos/cm	1.0	1		11/26/12 08:37		
Oxygen, Dissolved	**7.3**	mg/L		1		11/26/12 08:37	7782-44-7	
Total Well Depth	**60**	feet		1		11/26/12 08:37		
REDOX	**352**	mV		1		11/26/12 08:37		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:37		
Odor	**NONE**			1		11/26/12 08:37		
Appearance	**CLEAR**			1		11/26/12 08:37		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 18:07	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:07	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 18:07	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 18:07	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	86	%	20-130	1	11/20/12 15:00	11/28/12 18:07	877-09-8	
Decachlorobiphenyl (S)	88	%	20-130	1	11/20/12 15:00	11/28/12 18:07	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:10	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	98	%	10-132	1	11/20/12 15:00	11/26/12 23:10	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 13:41	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:41	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:41	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 13:41	93-72-1	
Surrogates								
2,4-DCAA (S)	96	%	42-142	1	11/26/12 08:15	11/27/12 13:41	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:05	7440-38-2	
Barium	**142**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-50-8	
Iron	ND	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:05	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7439-92-1	
Manganese	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:05	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-22-4	
Sodium	**13100**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:05	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:05	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:05	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:54	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/30/12 09:55	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/30/12 09:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	298-04-4	
bis(2-Ethylhexyl)phthalate	**13.0**	ug/L	6.0	1	11/20/12 15:00	11/30/12 09:55	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/30/12 09:55	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/30/12 09:55	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/30/12 09:55	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/30/12 09:55	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/30/12 09:55	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/30/12 09:55	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/30/12 09:55	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/30/12 09:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/30/12 09:55	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/30/12 09:55	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/30/12 09:55	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/30/12 09:55	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	82	%	21-110	1	11/20/12 15:00	11/30/12 09:55	4165-60-0	
2-Fluorobiphenyl (S)	80	%	27-110	1	11/20/12 15:00	11/30/12 09:55	321-60-8	
Terphenyl-d14 (S)	85	%	31-107	1	11/20/12 15:00	11/30/12 09:55	1718-51-0	
Phenol-d6 (S)	26	%	10-110	1	11/20/12 15:00	11/30/12 09:55	13127-88-3	
2-Fluorophenol (S)	40	%	12-110	1	11/20/12 15:00	11/30/12 09:55	367-12-4	
2,4,6-Tribromophenol (S)	74	%	27-110	1	11/20/12 15:00	11/30/12 09:55	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 04:18	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 04:18	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 04:18	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 04:18	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 04:18	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 04:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 04:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 04:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 04:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 04:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 04:18	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 04:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 04:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 04:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 04:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 04:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 04:18	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 04:18	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 04:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 04:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 04:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 04:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 04:18	110-57-6	
Dichlorodifluoromethane	**0.28J**	ug/L	1.0	1		11/22/12 04:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:18	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 04:18	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 04:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 04:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 04:18	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 04:18	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 04:18	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 04:18	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 04:18	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 04:18	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 04:18	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 04:18	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 04:18	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 04:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 04:18	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 04:18	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 04:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 04:18	79-01-6	
Trichlorofluoromethane	**0.49J**	ug/L	1.0	1		11/22/12 04:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 04:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 04:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 04:18	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 04:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 04:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 04:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 04:18	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/22/12 04:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		11/22/12 04:18	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		11/22/12 04:18	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**17200**	ug/L	5000	1		11/21/12 13:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**118000**	ug/L	25000	1		11/21/12 18:23		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW9 **Lab ID: 92139188007** Collected: 11/19/12 12:00 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	ND	ug/L	2000	1		12/05/12 21:24	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3560**	ug/L	1000	1		12/05/12 20:30	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:09	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:38		
Collected Date	**11/19/12**			1		11/26/12 08:38		
Collected Time	**10:45**			1		11/26/12 08:38		
Field pH	**5.7**	Std. Units	0.10	1		11/26/12 08:38		
Field Temperature	**15.6**	deg C	0.50	1		11/26/12 08:38		
Static Water Level	**18.78**	feet		1		11/26/12 08:38		
Field Specific Conductance	**49**	umhos/cm	1.0	1		11/26/12 08:38		
Oxygen, Dissolved	**9.8**	mg/L		1		11/26/12 08:38	7782-44-7	
Total Well Depth	**27**	feet		1		11/26/12 08:38		
REDOX	**260**	mV		1		11/26/12 08:38		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:38		
Odor	**NONE**			1		11/26/12 08:38		
Appearance	**CLEAR**			1		11/26/12 08:38		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 18:24	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/20/12 15:00	11/28/12 18:24	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/20/12 15:00	11/28/12 18:24	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/20/12 15:00	11/28/12 18:24	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	71	%	20-130	1	11/20/12 15:00	11/28/12 18:24	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	11/20/12 15:00	11/28/12 18:24	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/20/12 15:00	11/26/12 23:30	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	81	%	10-132	1	11/20/12 15:00	11/26/12 23:30	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 14:42	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 14:42	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 14:42	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 14:42	93-72-1	
Surrogates								
2,4-DCAA (S)	96	%	42-142	1	11/26/12 08:15	11/27/12 14:42	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:18	7440-38-2	
Barium	**26.9**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:18	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:18	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-50-8	
Iron	**60.8**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:18	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7439-92-1	
Manganese	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:18	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-22-4	
Sodium	**6980**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:18	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:18	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:18	7440-62-2	
Zinc	**15.2**	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:18	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:57	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	218-01-9	
Diallate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 20:17	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 20:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/20/12 15:00	11/29/12 20:17	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	62-50-0	
Famphur	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/20/12 15:00	11/29/12 20:17	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	120-58-1	
Kepone	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 20:17	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 20:17	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17		
1-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 20:17	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 20:17	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/20/12 15:00	11/29/12 20:17	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 20:17	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 20:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/20/12 15:00	11/29/12 20:17	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/20/12 15:00	11/29/12 20:17	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	85-01-8	
Phenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	106-50-3	
Phorate	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	129-00-0	
Safrole	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/20/12 15:00	11/29/12 20:17	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/20/12 15:00	11/29/12 20:17	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	53	%	21-110	1	11/20/12 15:00	11/29/12 20:17	4165-60-0	
2-Fluorobiphenyl (S)	50	%	27-110	1	11/20/12 15:00	11/29/12 20:17	321-60-8	
Terphenyl-d14 (S)	91	%	31-107	1	11/20/12 15:00	11/29/12 20:17	1718-51-0	
Phenol-d6 (S)	16	%	10-110	1	11/20/12 15:00	11/29/12 20:17	13127-88-3	
2-Fluorophenol (S)	25	%	12-110	1	11/20/12 15:00	11/29/12 20:17	367-12-4	
2,4,6-Tribromophenol (S)	49	%	27-110	1	11/20/12 15:00	11/29/12 20:17	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 04:34	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 04:34	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 04:34	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 04:34	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 04:34	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 04:34	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 04:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 04:34	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 04:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 04:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 04:34	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 04:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 04:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 04:34	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 04:34	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 04:34	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 04:34	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 04:34	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 04:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 04:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 04:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 04:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 04:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 04:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:34	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 04:34	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 04:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 04:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 04:34	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 04:34	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 04:34	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 04:34	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 04:34	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 04:34	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 04:34	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 04:34	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 04:34	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 04:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 04:34	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 04:34	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 04:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 04:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 04:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 04:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 04:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 04:34	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 04:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 04:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 04:34	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		11/22/12 04:34	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		11/22/12 04:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		11/22/12 04:34	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		11/22/12 04:34	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**19500**	ug/L	5000	1		11/21/12 13:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**58000**	ug/L	25000	1		11/21/12 18:23		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW8 **Lab ID: 92139188008** Collected: 11/19/12 10:45 Received: 11/19/12 19:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	ND	ug/L	2000	1		12/05/12 22:04	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**1860**	ug/L	1000	1		12/05/12 20:31	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:10	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:41		
Collected Date	**11/20/12**			1		11/26/12 08:41		
Collected Time	**13:30**			1		11/26/12 08:41		
Field pH	**5.7**	Std. Units	0.10	1		11/26/12 08:41		
Field Temperature	**16.0**	deg C	0.50	1		11/26/12 08:41		
Static Water Level	**36.15**	feet		1		11/26/12 08:41		
Field Specific Conductance	**100**	umhos/cm	1.0	1		11/26/12 08:41		
Oxygen, Dissolved	**5.5**	mg/L		1		11/26/12 08:41	7782-44-7	
Total Well Depth	**60**	feet		1		11/26/12 08:41		
REDOX	**236**	mV		1		11/26/12 08:41		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:41		
Odor	**NONE**			1		11/26/12 08:41		
Appearance	**CLEAR**			1		11/26/12 08:41		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:17	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:17	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/21/12 11:00	11/28/12 19:17	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:17	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	82	%	20-130	1	11/21/12 11:00	11/28/12 19:17	877-09-8	
Decachlorobiphenyl (S)	78	%	20-130	1	11/21/12 11:00	11/28/12 19:17	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:29	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	89	%	10-132	1	11/21/12 11:00	11/27/12 00:29	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 15:12	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:12	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:12	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:12	93-72-1	
Surrogates								
2,4-DCAA (S)	94	%	42-142	1	11/26/12 08:15	11/27/12 15:12	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:31	7440-38-2	
Barium	**91.7**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:31	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:31	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-50-8	
Iron	ND	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:31	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7439-92-1	
Manganese	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:31	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-22-4	
Sodium	**9180**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:31	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:31	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:31	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:31	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 11:59	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	120-12-7	
Benzo(a)anthracene	**1.4J**	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	7005-72-3	
Chrysene	**1.5J**	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:06	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	298-04-4	
bis(2-Ethylhexyl)phthalate	**2.4J**	ug/L	6.0	1	11/26/12 15:30	12/03/12 18:06	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 18:06	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:06	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:06	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:06	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:06	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:06	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:06	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:06	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 18:06	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:06	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:06	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	48	%	21-110	1	11/26/12 15:30	12/03/12 18:06	4165-60-0	
2-Fluorobiphenyl (S)	46	%	27-110	1	11/26/12 15:30	12/03/12 18:06	321-60-8	
Terphenyl-d14 (S)	93	%	31-107	1	11/26/12 15:30	12/03/12 18:06	1718-51-0	
Phenol-d6 (S)	14	%	10-110	1	11/26/12 15:30	12/03/12 18:06	13127-88-3	
2-Fluorophenol (S)	24	%	12-110	1	11/26/12 15:30	12/03/12 18:06	367-12-4	
2,4,6-Tribromophenol (S)	42	%	27-110	1	11/26/12 15:30	12/03/12 18:06	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 04:50	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 04:50	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 04:50	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 04:50	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 04:50	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 04:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 04:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 04:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 04:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 04:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 04:50	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 04:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 04:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 04:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 04:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 04:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 04:50	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 04:50	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 04:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 04:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 04:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 04:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 04:50	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 04:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 04:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 04:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 04:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:50	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 04:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 04:50	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 04:50	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 04:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 04:50	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 04:50	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 04:50	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 04:50	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 04:50	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 04:50	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 04:50	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 04:50	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 04:50	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 04:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 04:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 04:50	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 04:50	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 04:50	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 04:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 04:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 04:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 04:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 04:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 04:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 04:50	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 04:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 04:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 04:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		11/22/12 04:50	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		11/22/12 04:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		11/22/12 04:50	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		11/22/12 04:50	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**26300**	ug/L	5000	1		11/21/12 13:39		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**95000**	ug/L	25000	1		11/26/12 19:41		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW1R **Lab ID: 92139188009** Collected: 11/20/12 13:30 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	ND	ug/L	2000	1		12/05/12 22:59	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5320**	ug/L	1000	1		12/05/12 20:42	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:17	57-12-5	M1

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:49		
Collected Date	**11/20/12**			1		11/26/12 08:49		
Collected Time	**12:25**			1		11/26/12 08:49		
Field pH	**5.8**	Std. Units	0.10	1		11/26/12 08:49		
Field Temperature	**15.9**	deg C	0.50	1		11/26/12 08:49		
Static Water Level	**11.44**	feet		1		11/26/12 08:49		
Field Specific Conductance	**175**	umhos/cm	1.0	1		11/26/12 08:49		
Oxygen, Dissolved	**6.4**	mg/L		1		11/26/12 08:49	7782-44-7	
Total Well Depth	**30**	feet		1		11/26/12 08:49		
REDOX	**245**	mV		1		11/26/12 08:49		
Turbidity	**14**	NTU	1.0	1		11/26/12 08:49		
Odor	**NONE**			1		11/26/12 08:49		
Appearance	**CLEAR**			1		11/26/12 08:49		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:34	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:34	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/21/12 11:00	11/28/12 19:34	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:34	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	84	%	20-130	1	11/21/12 11:00	11/28/12 19:34	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	11/21/12 11:00	11/28/12 19:34	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 00:49	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	85	%	10-132	1	11/21/12 11:00	11/27/12 00:49	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 15:42	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:42	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:42	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 15:42	93-72-1	
Surrogates								
2,4-DCAA (S)	83	%	42-142	1	11/26/12 08:15	11/27/12 15:42	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:34	7440-38-2	
Barium	**53.4**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:34	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:34	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-50-8	
Iron	**102**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:34	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7439-92-1	
Manganese	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:34	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-22-4	
Sodium	**14500**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:34	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:34	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:34	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 12:02	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:44	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	298-04-4	
bis(2-Ethylhexyl)phthalate	**1.0J**	ug/L	6.0	1	11/26/12 15:30	12/03/12 18:44	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 18:44	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:44	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:44	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:44	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:44	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 18:44	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:44	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 18:44	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 18:44	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 18:44	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 18:44	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	74	%	21-110	1	11/26/12 15:30	12/03/12 18:44	4165-60-0	
2-Fluorobiphenyl (S)	75	%	27-110	1	11/26/12 15:30	12/03/12 18:44	321-60-8	
Terphenyl-d14 (S)	101	%	31-107	1	11/26/12 15:30	12/03/12 18:44	1718-51-0	
Phenol-d6 (S)	21	%	10-110	1	11/26/12 15:30	12/03/12 18:44	13127-88-3	
2-Fluorophenol (S)	34	%	12-110	1	11/26/12 15:30	12/03/12 18:44	367-12-4	
2,4,6-Tribromophenol (S)	70	%	27-110	1	11/26/12 15:30	12/03/12 18:44	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 05:06	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 05:06	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 05:06	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 05:06	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 05:06	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 05:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 05:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 05:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 05:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 05:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 05:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 05:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 05:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 05:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 05:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 05:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 05:06	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 05:06	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 05:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 05:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 05:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 05:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 05:06	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 05:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:06	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 05:06	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 05:06	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 05:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 05:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 05:06	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 05:06	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 05:06	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 05:06	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 05:06	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 05:06	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 05:06	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 05:06	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 05:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 05:06	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 05:06	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 05:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 05:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 05:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 05:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 05:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 05:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 05:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 05:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 05:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		11/22/12 05:06	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/22/12 05:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		11/22/12 05:06	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		11/22/12 05:06	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**31200**	ug/L	5000	1		11/21/12 13:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**157000**	ug/L	25000	1		11/26/12 19:41		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW5R **Lab ID: 92139188010** Collected: 11/20/12 12:25 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**8400**	ug/L	2000	1		12/05/12 23:40	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**16100**	ug/L	1000	1		12/05/12 20:42	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:21	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:50		
Collected Date	**11/20/12**			1		11/26/12 08:50		
Collected Time	**11:10**			1		11/26/12 08:50		
Field pH	**5.7**	Std. Units	0.10	1		11/26/12 08:50		
Field Temperature	**13.3**	deg C	0.50	1		11/26/12 08:50		
Static Water Level	**9.68**	feet		1		11/26/12 08:50		
Field Specific Conductance	**655**	umhos/cm	1.0	1		11/26/12 08:50		
Oxygen, Dissolved	**2.3**	mg/L		1		11/26/12 08:50	7782-44-7	
Total Well Depth	**20**	feet		1		11/26/12 08:50		
REDOX	**181**	mV		1		11/26/12 08:50		
Turbidity	**14**	NTU	1.0	1		11/26/12 08:50		
Odor	**NONE**			1		11/26/12 08:50		
Appearance	**CLEAR**			1		11/26/12 08:50		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:52	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	959-98-8	
Endosulfan II	**0.12**	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 19:52	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/21/12 11:00	11/28/12 19:52	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 19:52	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	83	%	20-130	1	11/21/12 11:00	11/28/12 19:52	877-09-8	
Decachlorobiphenyl (S)	110	%	20-130	1	11/21/12 11:00	11/28/12 19:52	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:08	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	61	%	10-132	1	11/21/12 11:00	11/27/12 02:08	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 16:12	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:12	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:12	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:12	93-72-1	
Surrogates								
2,4-DCAA (S)	95	%	42-142	1	11/26/12 08:15	11/27/12 16:12	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:38	7440-38-2	
Barium	**400**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:38	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-47-3	
Cobalt	**35.5**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-50-8	
Iron	**344**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:38	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7439-92-1	
Manganese	**541**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:38	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-22-4	
Sodium	**43600**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:38	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:38	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:38	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 12:05	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:21	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	12/03/12 19:21	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 19:21	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:21	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:21	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:21	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:21	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:21	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:21	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:21	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 19:21	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:21	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:21	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	76	%	21-110	1	11/26/12 15:30	12/03/12 19:21	4165-60-0	
2-Fluorobiphenyl (S)	79	%	27-110	1	11/26/12 15:30	12/03/12 19:21	321-60-8	
Terphenyl-d14 (S)	96	%	31-107	1	11/26/12 15:30	12/03/12 19:21	1718-51-0	
Phenol-d6 (S)	20	%	10-110	1	11/26/12 15:30	12/03/12 19:21	13127-88-3	
2-Fluorophenol (S)	35	%	12-110	1	11/26/12 15:30	12/03/12 19:21	367-12-4	
2,4,6-Tribromophenol (S)	83	%	27-110	1	11/26/12 15:30	12/03/12 19:21	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 05:21	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 05:21	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 05:21	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 05:21	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 05:21	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 05:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 05:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 05:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 05:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 05:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 05:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 05:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 05:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 05:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 05:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 05:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 05:21	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 05:21	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 05:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 05:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 05:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 05:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 05:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 05:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:21	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 05:21	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 05:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 05:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 05:21	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 05:21	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 05:21	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 05:21	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 05:21	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 05:21	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 05:21	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 05:21	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 05:21	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 05:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 05:21	127-18-4	
Tetrahydrofuran	**13.5**	ug/L	10.0	1		11/22/12 05:21	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 05:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 05:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 05:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 05:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 05:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 05:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 05:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 05:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 05:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		11/22/12 05:21	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		11/22/12 05:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		11/22/12 05:21	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		11/22/12 05:21	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**174000**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**435000**	ug/L	25000	1		11/26/12 19:42		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW4R **Lab ID: 92139188011** Collected: 11/20/12 11:10 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**73600**	ug/L	20000	10		12/06/12 13:10	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**34500**	ug/L	1000	1		12/05/12 20:43	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:22	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:51		
Collected Date	**11/20/12**			1		11/26/12 08:51		
Collected Time	**09:45**			1		11/26/12 08:51		
Field pH	**5.4**	Std. Units	0.10	1		11/26/12 08:51		
Field Temperature	**14.5**	deg C	0.50	1		11/26/12 08:51		
Static Water Level	**38.80**	feet		1		11/26/12 08:51		
Field Specific Conductance	**147**	umhos/cm	1.0	1		11/26/12 08:51		
Oxygen, Dissolved	**1.8**	mg/L		1		11/26/12 08:51	7782-44-7	
Total Well Depth	**48.0**	feet		1		11/26/12 08:51		
REDOX	**197**	mV		1		11/26/12 08:51		
Turbidity	**7**	NTU	1.0	1		11/26/12 08:51		
Odor	**NONE**			1		11/26/12 08:51		
Appearance	**CLEAR**			1		11/26/12 08:51		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 20:09	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	50-29-3	
Dieldrin	**0.11**	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	76-44-8	
Heptachlor epoxide	**0.12**	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:09	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/21/12 11:00	11/28/12 20:09	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 20:09	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	110	%	20-130	1	11/21/12 11:00	11/28/12 20:09	877-09-8	
Decachlorobiphenyl (S)	89	%	20-130	1	11/21/12 11:00	11/28/12 20:09	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:28	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	82	%	10-132	1	11/21/12 11:00	11/27/12 02:28	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 16:43	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:43	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:43	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 16:43	93-72-1	
Surrogates								
2,4-DCAA (S)	92	%	42-142	1	11/26/12 08:15	11/27/12 16:43	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:43	7440-38-2	
Barium	**95.1**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:43	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:43	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-50-8	
Iron	ND	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:43	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7439-92-1	
Manganese	**17.4**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:43	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-22-4	
Sodium	**13900**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:43	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:43	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:43	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:43	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 12:07	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:59	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	12/03/12 19:59	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 19:59	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:59	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:59	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:59	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:59	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 19:59	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:59	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:59	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 19:59	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 19:59	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 19:59	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 19:59	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	77	%	21-110	1	11/26/12 15:30	12/03/12 19:59	4165-60-0	
2-Fluorobiphenyl (S)	79	%	27-110	1	11/26/12 15:30	12/03/12 19:59	321-60-8	
Terphenyl-d14 (S)	117	%	31-107	1	11/26/12 15:30	12/03/12 19:59	1718-51-0	S0
Phenol-d6 (S)	23	%	10-110	1	11/26/12 15:30	12/03/12 19:59	13127-88-3	
2-Fluorophenol (S)	38	%	12-110	1	11/26/12 15:30	12/03/12 19:59	367-12-4	
2,4,6-Tribromophenol (S)	77	%	27-110	1	11/26/12 15:30	12/03/12 19:59	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 05:37	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 05:37	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 05:37	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 05:37	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 05:37	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 05:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 05:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 05:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 05:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 05:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 05:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 05:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 05:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 05:37	108-90-7	
Chloroethane	**1.3**	ug/L	1.0	1		11/22/12 05:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 05:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 05:37	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 05:37	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 05:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 05:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 05:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 05:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 05:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 05:37	75-71-8	
1,1-Dichloroethane	**1.2**	ug/L	1.0	1		11/22/12 05:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:37	75-35-4	
cis-1,2-Dichloroethene	**0.62J**	ug/L	1.0	1		11/22/12 05:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:37	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 05:37	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 05:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 05:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 05:37	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 05:37	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 05:37	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 05:37	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 05:37	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 05:37	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 05:37	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 05:37	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 05:37	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 05:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 05:37	127-18-4	
Tetrahydrofuran	**26.0**	ug/L	10.0	1		11/22/12 05:37	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 05:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 05:37	79-01-6	
Trichlorofluoromethane	**0.29J**	ug/L	1.0	1		11/22/12 05:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 05:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 05:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 05:37	75-01-4	
Xylene (Total)	**0.79J**	ug/L	2.0	1		11/22/12 05:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 05:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 05:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		11/22/12 05:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	1		11/22/12 05:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		11/22/12 05:37	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/22/12 05:37	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**51900**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**111000**	ug/L	25000	1		11/26/12 19:42		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW7 **Lab ID: 92139188012** Collected: 11/20/12 09:45 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**2090**	ug/L	2000	1		12/06/12 00:07	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3810**	ug/L	1000	1		12/05/12 20:45	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:23	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:54		
Collected Date	**11/20/12**			1		11/26/12 08:54		
Collected Time	**08:35**			1		11/26/12 08:54		
Field pH	**5.6**	Std. Units	0.10	1		11/26/12 08:54		
Field Temperature	**15.2**	deg C	0.50	1		11/26/12 08:54		
Static Water Level	**22.68**	feet		1		11/26/12 08:54		
Field Specific Conductance	**283**	umhos/cm	1.0	1		11/26/12 08:54		
Oxygen, Dissolved	**1.2**	mg/L		1		11/26/12 08:54	7782-44-7	
Total Well Depth	**27**	feet		1		11/26/12 08:54		
REDOX	**16**	mV		1		11/26/12 08:54		
Turbidity	**25**	NTU	1.0	1		11/26/12 08:54		
Odor	**NONE**			1		11/26/12 08:54		
Appearance	**CLEAR**			1		11/26/12 08:54		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 20:27	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/21/12 11:00	11/28/12 20:27	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/21/12 11:00	11/28/12 20:27	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/21/12 11:00	11/28/12 20:27	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	53	%	20-130	1	11/21/12 11:00	11/28/12 20:27	877-09-8	
Decachlorobiphenyl (S)	99	%	20-130	1	11/21/12 11:00	11/28/12 20:27	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/21/12 11:00	11/27/12 02:48	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	89	%	10-132	1	11/21/12 11:00	11/27/12 02:48	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/26/12 08:15	11/27/12 17:13	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 17:13	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 17:13	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/26/12 08:15	11/27/12 17:13	93-72-1	
Surrogates								
2,4-DCAA (S)	91	%	42-142	1	11/26/12 08:15	11/27/12 17:13	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:46	7440-38-2	
Barium	**173**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-50-8	
Iron	**25300**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:46	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7439-92-1	
Manganese	**11600**	ug/L	25.0	5	11/28/12 11:30	12/03/12 14:49	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:46	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-22-4	
Sodium	ND	ug/L	5000	1	11/28/12 11:30	12/01/12 20:46	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:46	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:46	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:46	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 12:15	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 20:37	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 20:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	12/03/12 20:37	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 20:37	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 20:37	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 20:37	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 20:37	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 20:37	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 20:37	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 20:37	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 20:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 20:37	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 20:37	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 20:37	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 20:37	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	58	%	21-110	1	11/26/12 15:30	12/03/12 20:37	4165-60-0	
2-Fluorobiphenyl (S)	65	%	27-110	1	11/26/12 15:30	12/03/12 20:37	321-60-8	
Terphenyl-d14 (S)	84	%	31-107	1	11/26/12 15:30	12/03/12 20:37	1718-51-0	
Phenol-d6 (S)	18	%	10-110	1	11/26/12 15:30	12/03/12 20:37	13127-88-3	
2-Fluorophenol (S)	29	%	12-110	1	11/26/12 15:30	12/03/12 20:37	367-12-4	
2,4,6-Tribromophenol (S)	67	%	27-110	1	11/26/12 15:30	12/03/12 20:37	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/22/12 05:53	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/22/12 05:53	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/22/12 05:53	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/22/12 05:53	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/22/12 05:53	107-05-1	
Benzene	ND	ug/L	1.0	1		11/22/12 05:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/22/12 05:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/22/12 05:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/22/12 05:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/22/12 05:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/22/12 05:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/22/12 05:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/22/12 05:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/22/12 05:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/22/12 05:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/22/12 05:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/22/12 05:53	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/22/12 05:53	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/22/12 05:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/22/12 05:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/22/12 05:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/22/12 05:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/22/12 05:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/22/12 05:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/22/12 05:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/22/12 05:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/22/12 05:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:53	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/22/12 05:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/22/12 05:53	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/22/12 05:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/22/12 05:53	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/22/12 05:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/22/12 05:53	74-88-4	
Isobutanol	ND	ug/L	100	1		11/22/12 05:53	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/22/12 05:53	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/22/12 05:53	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/22/12 05:53	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/22/12 05:53	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/22/12 05:53	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/22/12 05:53	107-12-0	
Styrene	ND	ug/L	1.0	1		11/22/12 05:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/22/12 05:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/22/12 05:53	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/22/12 05:53	109-99-9	
Toluene	ND	ug/L	1.0	1		11/22/12 05:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/22/12 05:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/22/12 05:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/22/12 05:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/22/12 05:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/22/12 05:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/22/12 05:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/22/12 05:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/22/12 05:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/22/12 05:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/22/12 05:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		11/22/12 05:53	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		11/22/12 05:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		11/22/12 05:53	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		11/22/12 05:53	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**142000**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**172000**	ug/L	25000	1		11/26/12 19:42		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/21/12 15:20	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW3R **Lab ID: 92139188013** Collected: 11/20/12 08:35 Received: 11/20/12 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**5420**	ug/L	2000	1		12/06/12 00:47	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3920**	ug/L	1000	1		12/05/12 20:47	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	**9.1**	ug/L	5.0	1		11/30/12 12:24	57-12-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:55		
Collected Date	**11/21/12**			1		11/26/12 08:55		
Collected Time	**13:05**			1		11/26/12 08:55		
Field pH	**6.1**	Std. Units	0.10	1		11/26/12 08:55		
Field Temperature	**14.7**	deg C	0.50	1		11/26/12 08:55		
Field Specific Conductance	**261**	umhos/cm	1.0	1		11/26/12 08:55		
Oxygen, Dissolved	**8.7**	mg/L		1		11/26/12 08:55	7782-44-7	
REDOX	**-21**	mV		1		11/26/12 08:55		
Turbidity	**3**	NTU	1.0	1		11/26/12 08:55		
Odor	**SULFUROUS**			1		11/26/12 08:55		
Appearance	**MURKY**			1		11/26/12 08:55		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 08:06	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	1031-07-8	
Endrin	**0.080**	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:06	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 08:06	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 08:06	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	85	%	20-130	1	11/26/12 15:00	12/01/12 08:06	877-09-8	
Decachlorobiphenyl (S)	85	%	20-130	1	11/26/12 15:00	12/01/12 08:06	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	10-132	1	11/26/12 15:00	11/30/12 00:19	2051-24-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 17:23	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:23	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:23	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:23	93-72-1	
Surrogates								
2,4-DCAA (S)	9	%	42-142	1	11/28/12 07:55	11/28/12 17:23	19719-28-9	S5
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-36-0	
Arsenic	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:52	7440-38-2	
Barium	**63.3**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-39-3	
Beryllium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:52	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/28/12 11:30	12/01/12 20:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-47-3	
Cobalt	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-48-4	
Copper	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-50-8	
Iron	**25500**	ug/L	50.0	1	11/28/12 11:30	12/01/12 20:52	7439-89-6	
Lead	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7439-92-1	
Manganese	**1720**	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7439-96-5	
Nickel	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:52	7782-49-2	
Silver	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-22-4	
Sodium	**15500**	ug/L	5000	1	11/28/12 11:30	12/01/12 20:52	7440-23-5	
Thallium	ND	ug/L	5.4	1	11/28/12 11:30	12/01/12 20:52	7440-28-0	
Tin	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-31-5	
Vanadium	ND	ug/L	5.0	1	11/28/12 11:30	12/01/12 20:52	7440-62-2	
Zinc	ND	ug/L	10.0	1	11/28/12 11:30	12/01/12 20:52	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:29	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	85-68-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 21:15	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 21:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	12/03/12 21:15	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	12/03/12 21:15	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	465-73-6	
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 21:15	91-80-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 21:15	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 21:15	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 21:15	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	12/03/12 21:15	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 21:15	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 21:15	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	12/03/12 21:15	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	12/03/12 21:15	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	12/03/12 21:15	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	12/03/12 21:15	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	72	%	21-110	1	11/26/12 15:30	12/03/12 21:15	4165-60-0	
2-Fluorobiphenyl (S)	72	%	27-110	1	11/26/12 15:30	12/03/12 21:15	321-60-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Surrogates								
Terphenyl-d14 (S)	101	%	31-107	1	11/26/12 15:30	12/03/12 21:15	1718-51-0	
Phenol-d6 (S)	26	%	10-110	1	11/26/12 15:30	12/03/12 21:15	13127-88-3	
2-Fluorophenol (S)	38	%	12-110	1	11/26/12 15:30	12/03/12 21:15	367-12-4	
2,4,6-Tribromophenol (S)	77	%	27-110	1	11/26/12 15:30	12/03/12 21:15	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 20:29	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 20:29	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 20:29	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 20:29	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 20:29	107-05-1	
Benzene	ND	ug/L	1.0	1		11/25/12 20:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 20:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 20:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 20:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 20:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 20:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 20:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 20:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 20:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 20:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/25/12 20:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 20:29	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 20:29	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 20:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 20:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 20:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 20:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 20:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 20:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 20:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 20:29	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 20:29	97-63-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 20:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 20:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 20:29	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 20:29	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 20:29	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 20:29	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 20:29	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 20:29	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 20:29	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 20:29	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 20:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 20:29	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/25/12 20:29	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 20:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 20:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 20:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 20:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/25/12 20:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 20:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 20:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 20:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 20:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 20:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 20:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/25/12 20:29	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/25/12 20:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		11/25/12 20:29	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/25/12 20:29	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**79700**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**131000**	ug/L	25000	1		11/26/12 19:43		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/27/12 17:15	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**2090**	ug/L	2000	1		12/06/12 01:01	14808-79-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW1 **Lab ID: 92139188014** Collected: 11/21/12 13:05 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**19700**	ug/L	1000	1		12/05/12 20:56	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:38	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:56		
Collected Date	**11/21/12**			1		11/26/12 08:56		
Collected Time	**12:15**			1		11/26/12 08:56		
Field pH	**6.7**	Std. Units	0.10	1		11/26/12 08:56		
Field Temperature	**12.7**	deg C	0.50	1		11/26/12 08:56		
Field Specific Conductance	**135**	umhos/cm	1.0	1		11/26/12 08:56		
Oxygen, Dissolved	**6.7**	mg/L		1		11/26/12 08:56	7782-44-7	
REDOX	**-21**	mV		1		11/26/12 08:56		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 08:56		
Odor	**NONE**			1		11/26/12 08:56		
Appearance	**CLEAR**			1		11/26/12 08:56		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 08:24	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 08:24	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 08:24	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 08:24	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	69	%	20-130	1	11/26/12 15:00	12/01/12 08:24	877-09-8	
Decachlorobiphenyl (S)	90	%	20-130	1	11/26/12 15:00	12/01/12 08:24	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 00:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	10-132	1	11/26/12 15:00	11/30/12 00:38	2051-24-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 17:53	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:53	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:53	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 17:53	93-72-1	
Surrogates								
2,4-DCAA (S)	94	%	42-142	1	11/28/12 07:55	11/28/12 17:53	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-36-0	
Arsenic	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:30	7440-38-2	
Barium	**46.5**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-39-3	
Beryllium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:30	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-47-3	
Cobalt	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-48-4	
Copper	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-50-8	
Iron	**1280**	ug/L	50.0	1	12/05/12 12:40	12/06/12 14:30	7439-89-6	
Lead	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7439-92-1	
Manganese	**106**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7439-96-5	
Nickel	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-02-0	
Selenium	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:30	7782-49-2	
Silver	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-22-4	
Sodium	**9990**	ug/L	5000	1	12/05/12 12:40	12/06/12 14:30	7440-23-5	M1
Thallium	ND	ug/L	5.4	1	12/05/12 12:40	12/06/12 14:30	7440-28-0	
Tin	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-31-5	
Vanadium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:30	7440-62-2	
Zinc	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:32	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	85-68-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 16:42	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 16:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	11/30/12 16:42	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	11/30/12 16:42	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	465-73-6	
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 16:42	91-80-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 16:42	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 16:42	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 16:42	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 16:42	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 16:42	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 16:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 16:42	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	11/30/12 16:42	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 16:42	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 16:42	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	70	%	21-110	1	11/26/12 15:30	11/30/12 16:42	4165-60-0	
2-Fluorobiphenyl (S)	71	%	27-110	1	11/26/12 15:30	11/30/12 16:42	321-60-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Surrogates								
Terphenyl-d14 (S)	98	%	31-107	1	11/26/12 15:30	11/30/12 16:42	1718-51-0	
Phenol-d6 (S)	20	%	10-110	1	11/26/12 15:30	11/30/12 16:42	13127-88-3	
2-Fluorophenol (S)	32	%	12-110	1	11/26/12 15:30	11/30/12 16:42	367-12-4	
2,4,6-Tribromophenol (S)	68	%	27-110	1	11/26/12 15:30	11/30/12 16:42	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 20:47	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 20:47	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 20:47	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 20:47	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 20:47	107-05-1	
Benzene	ND	ug/L	1.0	1		11/25/12 20:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 20:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 20:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 20:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 20:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 20:47	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 20:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 20:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 20:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 20:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/25/12 20:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 20:47	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 20:47	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 20:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 20:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 20:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 20:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 20:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 20:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 20:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 20:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 20:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 20:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 20:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 20:47	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 20:47	97-63-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 20:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 20:47	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 20:47	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 20:47	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 20:47	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 20:47	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 20:47	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 20:47	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 20:47	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 20:47	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 20:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 20:47	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/25/12 20:47	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 20:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 20:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 20:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 20:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 20:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/25/12 20:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 20:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 20:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 20:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 20:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 20:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 20:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/25/12 20:47	460-00-4	
Dibromofluoromethane (S)	98	%	70-130	1		11/25/12 20:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		11/25/12 20:47	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		11/25/12 20:47	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**44700**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**101000**	ug/L	25000	1		11/26/12 19:43		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/27/12 17:15	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**4240**	ug/L	2000	1		12/06/12 01:15	14808-79-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW2 **Lab ID: 92139188015** Collected: 11/21/12 12:15 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**10300**	ug/L	1000	1		12/05/12 20:57	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		11/30/12 12:38	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:57		
Collected Date	**11/21/12**			1		11/26/12 08:57		
Collected Time	**11:30**			1		11/26/12 08:57		
Field pH	**6.8**	Std. Units	0.10	1		11/26/12 08:57		
Field Temperature	**12.4**	deg C	0.50	1		11/26/12 08:57		
Field Specific Conductance	**523**	umhos/cm	1.0	1		11/26/12 08:57		
Oxygen, Dissolved	**6.7**	mg/L		1		11/26/12 08:57	7782-44-7	
REDOX	**83**	mV		1		11/26/12 08:57		
Turbidity	**92**	NTU	1.0	1		11/26/12 08:57		
Odor	**NONE**			1		11/26/12 08:57		
Appearance	**MURKY**			1		11/26/12 08:57		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:16	57-74-9	
4,4'-DDD	**0.11**	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:16	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 09:16	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:16	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	79	%	20-130	1	11/26/12 15:00	12/01/12 09:16	877-09-8	
Decachlorobiphenyl (S)	107	%	20-130	1	11/26/12 15:00	12/01/12 09:16	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	10-132	1	11/26/12 15:00	11/30/12 01:38	2051-24-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 18:23	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:23	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:23	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:23	93-72-1	
Surrogates								
2,4-DCAA (S)	7	%	42-142	1	11/28/12 07:55	11/28/12 18:23	19719-28-9	S5
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-36-0	
Arsenic	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:38	7440-38-2	
Barium	**151**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-39-3	
Beryllium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:38	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-47-3	
Cobalt	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-48-4	
Copper	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-50-8	
Iron	**1640**	ug/L	50.0	1	12/05/12 12:40	12/06/12 14:38	7439-89-6	
Lead	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7439-92-1	
Manganese	**2430**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7439-96-5	
Nickel	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:38	7782-49-2	
Silver	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-22-4	
Sodium	**29000**	ug/L	5000	1	12/05/12 12:40	12/06/12 14:38	7440-23-5	
Thallium	ND	ug/L	5.4	1	12/05/12 12:40	12/06/12 14:38	7440-28-0	
Tin	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-31-5	
Vanadium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:38	7440-62-2	
Zinc	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:35	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	85-68-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:14	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	11/30/12 17:14	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	11/30/12 17:14	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	465-73-6	
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:14	91-80-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:14	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:14	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:14	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:14	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:14	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:14	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	11/30/12 17:14	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:14	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:14	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	75	%	21-110	1	11/26/12 15:30	11/30/12 17:14	4165-60-0	
2-Fluorobiphenyl (S)	79	%	27-110	1	11/26/12 15:30	11/30/12 17:14	321-60-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Surrogates								
Terphenyl-d14 (S)	98	%	31-107	1	11/26/12 15:30	11/30/12 17:14	1718-51-0	
Phenol-d6 (S)	19	%	10-110	1	11/26/12 15:30	11/30/12 17:14	13127-88-3	
2-Fluorophenol (S)	31	%	12-110	1	11/26/12 15:30	11/30/12 17:14	367-12-4	
2,4,6-Tribromophenol (S)	79	%	27-110	1	11/26/12 15:30	11/30/12 17:14	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 21:05	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 21:05	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 21:05	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 21:05	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 21:05	107-05-1	
Benzene	ND	ug/L	1.0	1		11/25/12 21:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 21:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 21:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 21:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 21:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 21:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 21:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 21:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 21:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 21:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/25/12 21:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 21:05	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 21:05	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 21:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 21:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 21:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 21:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 21:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 21:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 21:05	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 21:05	97-63-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 21:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 21:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 21:05	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 21:05	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 21:05	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 21:05	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 21:05	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 21:05	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 21:05	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 21:05	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 21:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 21:05	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/25/12 21:05	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 21:05	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 21:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/25/12 21:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 21:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 21:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 21:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 21:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 21:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 21:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/25/12 21:05	460-00-4	
Dibromofluoromethane (S)	98	%	70-130	1		11/25/12 21:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		11/25/12 21:05	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/25/12 21:05	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**220000**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**349000**	ug/L	25000	1		11/26/12 19:44		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/27/12 17:15	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**32300**	ug/L	2000	1		12/06/12 01:28	14808-79-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW4 **Lab ID: 92139188016** Collected: 11/21/12 11:30 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**28800**	ug/L	1000	1		12/05/12 20:57	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		12/05/12 14:42	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:58		
Collected Date	**11/21/12**			1		11/26/12 08:58		
Collected Time	**11:00**			1		11/26/12 08:58		
Field pH	**6.5**	Std. Units	0.10	1		11/26/12 08:58		
Field Temperature	**15.5**	deg C	0.50	1		11/26/12 08:58		
Static Water Level	**39.96**	feet		1		11/26/12 08:58		
Field Specific Conductance	**434**	umhos/cm	1.0	1		11/26/12 08:58		
Oxygen, Dissolved	**2.3**	mg/L		1		11/26/12 08:58	7782-44-7	
Total Well Depth	**50.85**	feet		1		11/26/12 08:58		
REDOX	**160**	mV		1		11/26/12 08:58		
Turbidity	**456**	NTU	1.0	1		11/26/12 08:58		
Odor	**NONE**			1		11/26/12 08:58		
Appearance	**TURBID**			1		11/26/12 08:58		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:34	57-74-9	
4,4'-DDD	**0.062**	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:34	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 09:34	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:34	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	65	%	20-130	1	11/26/12 15:00	12/01/12 09:34	877-09-8	
Decachlorobiphenyl (S)	83	%	20-130	1	11/26/12 15:00	12/01/12 09:34	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 01:57	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	54	%	10-132	1	11/26/12 15:00	11/30/12 01:57	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 18:53	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:53	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:53	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 18:53	93-72-1	
Surrogates								
2,4-DCAA (S)	79	%	42-142	1	11/28/12 07:55	11/28/12 18:53	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-36-0	
Arsenic	**7.1J**	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:48	7440-38-2	
Barium	**143**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:48	7440-43-9	
Chromium	**6.7**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-47-3	
Cobalt	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-48-4	
Copper	**10.5**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-50-8	
Iron	**12300**	ug/L	50.0	1	12/05/12 12:40	12/06/12 14:48	7439-89-6	
Lead	**9.5**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7439-92-1	
Manganese	**317**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7439-96-5	
Nickel	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:48	7782-49-2	
Silver	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-22-4	
Sodium	**21200**	ug/L	5000	1	12/05/12 12:40	12/06/12 14:48	7440-23-5	
Thallium	ND	ug/L	5.4	1	12/05/12 12:40	12/06/12 14:48	7440-28-0	
Tin	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-31-5	
Vanadium	**28.6**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:48	7440-62-2	
Zinc	**45.6**	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:48	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:37	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:45	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	11/30/12 17:45	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	11/30/12 17:45	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:45	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:45	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:45	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:45	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 17:45	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:45	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:45	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 17:45	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	11/30/12 17:45	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 17:45	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 17:45	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	82	%	21-110	1	11/26/12 15:30	11/30/12 17:45	4165-60-0	
2-Fluorobiphenyl (S)	80	%	27-110	1	11/26/12 15:30	11/30/12 17:45	321-60-8	
Terphenyl-d14 (S)	96	%	31-107	1	11/26/12 15:30	11/30/12 17:45	1718-51-0	
Phenol-d6 (S)	25	%	10-110	1	11/26/12 15:30	11/30/12 17:45	13127-88-3	
2-Fluorophenol (S)	39	%	12-110	1	11/26/12 15:30	11/30/12 17:45	367-12-4	
2,4,6-Tribromophenol (S)	81	%	27-110	1	11/26/12 15:30	11/30/12 17:45	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 21:23	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 21:23	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 21:23	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 21:23	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 21:23	107-05-1	
Benzene	ND	ug/L	1.0	1		11/25/12 21:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 21:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 21:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 21:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 21:23	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 21:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 21:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 21:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 21:23	75-00-3	
Chloroform	**0.49J**	ug/L	1.0	1		11/25/12 21:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 21:23	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 21:23	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 21:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 21:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 21:23	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:23	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 21:23	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 21:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 21:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 21:23	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 21:23	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 21:23	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 21:23	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 21:23	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 21:23	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 21:23	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 21:23	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 21:23	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 21:23	127-18-4	
Tetrahydrofuran	**6.3J**	ug/L	10.0	1		11/25/12 21:23	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 21:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 21:23	79-01-6	
Trichlorofluoromethane	**8.1**	ug/L	1.0	1		11/25/12 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 21:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 21:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 21:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 21:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 21:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 21:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		11/25/12 21:23	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/25/12 21:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		11/25/12 21:23	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/25/12 21:23	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**77600**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**298000**	ug/L	25000	1		11/26/12 19:44		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	**100**	ug/L	100	1		11/27/12 17:15	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW15 **Lab ID: 92139188017** Collected: 11/21/12 11:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**35600**	ug/L	2000	1		12/06/12 01:42	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**143000**	ug/L	10000	10		12/05/12 21:04	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		12/05/12 14:44	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 08:59		
Collected Date	**11/21/12**			1		11/26/12 08:59		
Collected Time	**09:35**			1		11/26/12 08:59		
Field pH	**6.2**	Std. Units	0.10	1		11/26/12 08:59		
Field Temperature	**10.0**	deg C	0.50	1		11/26/12 08:59		
Field Specific Conductance	**700**	umhos/cm	1.0	1		11/26/12 08:59		
Oxygen, Dissolved	**2.1**	mg/L		1		11/26/12 08:59	7782-44-7	
REDOX	**-26**	mV		1		11/26/12 08:59		
Turbidity	**14**	NTU	1.0	1		11/26/12 08:59		
Odor	**MUSTY**			1		11/26/12 08:59		
Appearance	**BIOLOGIC AL SHEEN**			1		11/26/12 08:59		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:51	57-74-9	
4,4'-DDD	**0.079**	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	959-98-8	
Endosulfan II	**0.071**	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	1031-07-8	
Endrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 09:51	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 09:51	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 09:51	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	61	%	20-130	1	11/26/12 15:00	12/01/12 09:51	877-09-8	
Decachlorobiphenyl (S)	88	%	20-130	1	11/26/12 15:00	12/01/12 09:51	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:17	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	10-132	1	11/26/12 15:00	11/30/12 02:17	2051-24-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 19:23	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:23	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:23	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:23	93-72-1	
Surrogates								
2,4-DCAA (S)	8	%	42-142	1	11/28/12 07:55	11/28/12 19:23	19719-28-9	S5
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-36-0	
Arsenic	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:52	7440-38-2	
Barium	**315**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-39-3	
Beryllium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:52	7440-41-7	
Cadmium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-47-3	
Cobalt	**13.0**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-48-4	
Copper	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-50-8	
Iron	**16500**	ug/L	50.0	1	12/05/12 12:40	12/06/12 14:52	7439-89-6	
Lead	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7439-92-1	
Manganese	**5200**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7439-96-5	
Nickel	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-02-0	
Selenium	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:52	7782-49-2	
Silver	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-22-4	
Sodium	**33800**	ug/L	5000	1	12/05/12 12:40	12/06/12 14:52	7440-23-5	
Thallium	ND	ug/L	5.4	1	12/05/12 12:40	12/06/12 14:52	7440-28-0	
Tin	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-31-5	
Vanadium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:52	7440-62-2	
Zinc	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:52	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:40	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	85-68-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:17	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	11/26/12 15:30	11/30/12 18:17	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	11/30/12 18:17	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	465-73-6	
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:17	91-80-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:17	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:17	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:17	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:17	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:17	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:17	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	11/30/12 18:17	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:17	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:17	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	68	%	21-110	1	11/26/12 15:30	11/30/12 18:17	4165-60-0	
2-Fluorobiphenyl (S)	71	%	27-110	1	11/26/12 15:30	11/30/12 18:17	321-60-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Surrogates								
Terphenyl-d14 (S)	99	%	31-107	1	11/26/12 15:30	11/30/12 18:17	1718-51-0	
Phenol-d6 (S)	21	%	10-110	1	11/26/12 15:30	11/30/12 18:17	13127-88-3	
2-Fluorophenol (S)	32	%	12-110	1	11/26/12 15:30	11/30/12 18:17	367-12-4	
2,4,6-Tribromophenol (S)	84	%	27-110	1	11/26/12 15:30	11/30/12 18:17	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 21:42	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 21:42	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 21:42	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 21:42	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 21:42	107-05-1	
Benzene	**0.34J**	ug/L	1.0	1		11/25/12 21:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 21:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 21:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 21:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 21:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 21:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 21:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 21:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 21:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 21:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/25/12 21:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 21:42	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 21:42	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 21:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 21:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 21:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 21:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 21:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 21:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 21:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 21:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 21:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 21:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 21:42	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 21:42	97-63-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 21:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 21:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 21:42	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 21:42	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 21:42	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 21:42	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 21:42	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 21:42	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 21:42	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 21:42	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 21:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 21:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 21:42	127-18-4	
Tetrahydrofuran	**4.8J**	ug/L	10.0	1		11/25/12 21:42	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 21:42	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 21:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 21:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 21:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/25/12 21:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 21:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 21:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 21:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 21:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 21:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 21:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/25/12 21:42	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/25/12 21:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		11/25/12 21:42	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/25/12 21:42	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**317000**	ug/L	5000	1		11/27/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**432000**	ug/L	25000	1		11/26/12 19:44		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/27/12 17:15	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**36400**	ug/L	2000	1		12/06/12 01:55	14808-79-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-SW3 **Lab ID: 92139188018** Collected: 11/21/12 09:35 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**24300**	ug/L	1000	1		12/05/12 20:59	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		12/05/12 14:45	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		11/26/12 09:02		
Collected Date	**11/21/12**			1		11/26/12 09:02		
Collected Time	**08:50**			1		11/26/12 09:02		
Field pH	**5.8**	Std. Units	0.10	1		11/26/12 09:02		
Field Temperature	**14.0**	deg C	0.50	1		11/26/12 09:02		
Static Water Level	**8.90**	feet		1		11/26/12 09:02		
Field Specific Conductance	**842**	umhos/cm	1.0	1		11/26/12 09:02		
Oxygen, Dissolved	**1.5**	mg/L		1		11/26/12 09:02	7782-44-7	
Total Well Depth	**21**	feet		1		11/26/12 09:02		
REDOX	**77**	mV		1		11/26/12 09:02		
Turbidity	**1.0**	NTU	1.0	1		11/26/12 09:02		
Odor	**NONE**			1		11/26/12 09:02		
Appearance	**CLEAR**			1		11/26/12 09:02		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	319-84-6	
beta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	319-85-7	
delta-BHC	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 10:09	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	50-29-3	
Dieldrin	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	1031-07-8	
Endrin	**0.27**	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	72-20-8	
Endrin aldehyde	**0.23**	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	11/26/12 15:00	12/01/12 10:09	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	11/26/12 15:00	12/01/12 10:09	72-43-5	
Toxaphene	ND	ug/L	0.20	1	11/26/12 15:00	12/01/12 10:09	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	84	%	20-130	1	11/26/12 15:00	12/01/12 10:09	877-09-8	
Decachlorobiphenyl (S)	178	%	20-130	1	11/26/12 15:00	12/01/12 10:09	2051-24-3	S5
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	11/26/12 15:00	11/30/12 02:37	11096-82-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
Surrogates								
Decachlorobiphenyl (S)	117	%	10-132	1	11/26/12 15:00	11/30/12 02:37	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	11/28/12 07:55	11/28/12 19:53	94-75-7	
Dinoseb	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:53	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:53	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	11/28/12 07:55	11/28/12 19:53	93-72-1	
Surrogates								
2,4-DCAA (S)	8	%	42-142	1	11/28/12 07:55	11/28/12 19:53	19719-28-9	S5
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-36-0	
Arsenic	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:57	7440-38-2	
Barium	**335**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-39-3	
Beryllium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:57	7440-41-7	
Cadmium	ND	ug/L	1.0	1	12/05/12 12:40	12/06/12 14:57	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-47-3	
Cobalt	**15.2**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-48-4	
Copper	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-50-8	
Iron	**1730**	ug/L	50.0	1	12/05/12 12:40	12/06/12 14:57	7439-89-6	
Lead	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7439-92-1	
Manganese	**8400**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7439-96-5	
Nickel	**21.8**	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-02-0	
Selenium	ND	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:57	7782-49-2	
Silver	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-22-4	
Sodium	**43400**	ug/L	5000	1	12/05/12 12:40	12/06/12 14:57	7440-23-5	
Thallium	ND	ug/L	5.4	1	12/05/12 12:40	12/06/12 14:57	7440-28-0	
Tin	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-31-5	
Vanadium	ND	ug/L	5.0	1	12/05/12 12:40	12/06/12 14:57	7440-62-2	
Zinc	**24.5**	ug/L	10.0	1	12/05/12 12:40	12/06/12 14:57	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/30/12 17:50	12/05/12 13:43	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	208-96-8	
Acetophenone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	92-67-1	
Anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	191-24-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzo(k)fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	7005-72-3	
Chrysene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	218-01-9	
Diallate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	84-66-2	
Dimethoate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:49	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	122-39-4	
Disulfoton	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	298-04-4	
bis(2-Ethylhexyl)phthalate	**1.1J**	ug/L	6.0	1	11/26/12 15:30	11/30/12 18:49	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	62-50-0	
Famphur	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	206-44-0	
Fluorene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	67-72-1	
Hexachlorophene	ND	ug/L	100	1	11/26/12 15:30	11/30/12 18:49	70-30-4	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	193-39-5	
Isodrin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	465-73-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Isophorone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	78-59-1	
Isosafrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	120-58-1	
Kepone	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:49	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:49	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49		
1-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:49	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:49	91-59-8	
1,4-Naphthoquinone	ND	ug/L	5.0	1	11/26/12 15:30	11/30/12 18:49	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:49	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:49	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	11/26/12 15:30	11/30/12 18:49	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	11/26/12 15:30	11/30/12 18:49	87-86-5	
Phenacetin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	85-01-8	
Phenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	106-50-3	
Phorate	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	298-02-2	
Pronamide	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	23950-58-5	
Pyrene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	129-00-0	
Safrole	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	58-90-2	
Thionazin	ND	ug/L	20.0	1	11/26/12 15:30	11/30/12 18:49	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	95-53-4	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	88-06-2	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	11/26/12 15:30	11/30/12 18:49	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	79	%	21-110	1	11/26/12 15:30	11/30/12 18:49	4165-60-0	
2-Fluorobiphenyl (S)	83	%	27-110	1	11/26/12 15:30	11/30/12 18:49	321-60-8	
Terphenyl-d14 (S)	100	%	31-107	1	11/26/12 15:30	11/30/12 18:49	1718-51-0	
Phenol-d6 (S)	25	%	10-110	1	11/26/12 15:30	11/30/12 18:49	13127-88-3	
2-Fluorophenol (S)	38	%	12-110	1	11/26/12 15:30	11/30/12 18:49	367-12-4	
2,4,6-Tribromophenol (S)	90	%	27-110	1	11/26/12 15:30	11/30/12 18:49	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 22:00	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 22:00	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 22:00	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 22:00	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 22:00	107-05-1	
Benzene	**1.3**	ug/L	1.0	1		11/25/12 22:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 22:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 22:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 22:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 22:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 22:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 22:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 22:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 22:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 22:00	75-00-3	
Chloroform	**0.16J**	ug/L	1.0	1		11/25/12 22:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 22:00	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 22:00	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 22:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 22:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 22:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 22:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 22:00	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 22:00	75-71-8	
1,1-Dichloroethane	**1.2**	ug/L	1.0	1		11/25/12 22:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 22:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 22:00	75-35-4	
cis-1,2-Dichloroethene	**0.25J**	ug/L	1.0	1		11/25/12 22:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 22:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:00	10061-01-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 22:00	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 22:00	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 22:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 22:00	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 22:00	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 22:00	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 22:00	126-98-7	
Methylene Chloride	**4.5**	ug/L	1.0	1		11/25/12 22:00	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 22:00	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 22:00	108-10-1	
Naphthalene	**1.6**	ug/L	1.0	1		11/25/12 22:00	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 22:00	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 22:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 22:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 22:00	79-34-5	
Tetrachloroethene	**1.8**	ug/L	1.0	1		11/25/12 22:00	127-18-4	
Tetrahydrofuran	**93.2**	ug/L	10.0	1		11/25/12 22:00	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 22:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 22:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 22:00	79-00-5	
Trichloroethene	**0.77J**	ug/L	1.0	1		11/25/12 22:00	79-01-6	
Trichlorofluoromethane	**16.9**	ug/L	1.0	1		11/25/12 22:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 22:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 22:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 22:00	75-01-4	
Xylene (Total)	**0.98J**	ug/L	2.0	1		11/25/12 22:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 22:00	179601-23-1	
o-Xylene	**0.63J**	ug/L	1.0	1		11/25/12 22:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/25/12 22:00	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/25/12 22:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		11/25/12 22:00	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/25/12 22:00	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**277000**	ug/L	5000	1		12/03/12 14:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**564000**	ug/L	25000	1		11/26/12 19:45		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		11/27/12 17:15	18496-25-8	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-MW2R **Lab ID: 92139188019** Collected: 11/21/12 08:50 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**79500**	ug/L	20000	10		12/06/12 13:24	14808-79-8	M6
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**64000**	ug/L	5000	5		12/05/12 21:05	16887-00-6	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	5.0	1		12/05/12 14:46	57-12-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-TRIP BLANK **Lab ID: 92139188020** Collected: 11/19/12 00:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/25/12 22:18	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		11/25/12 22:18	75-05-8	
Acrolein	ND	ug/L	10.0	1		11/25/12 22:18	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		11/25/12 22:18	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		11/25/12 22:18	107-05-1	
Benzene	ND	ug/L	1.0	1		11/25/12 22:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/25/12 22:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/25/12 22:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/25/12 22:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/25/12 22:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/25/12 22:18	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		11/25/12 22:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/25/12 22:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/25/12 22:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/25/12 22:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/25/12 22:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/25/12 22:18	74-87-3	
Chloroprene	ND	ug/L	5.0	1		11/25/12 22:18	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/25/12 22:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/25/12 22:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/25/12 22:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/25/12 22:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		11/25/12 22:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/25/12 22:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/25/12 22:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/25/12 22:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/25/12 22:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 22:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/25/12 22:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/25/12 22:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/25/12 22:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/25/12 22:18	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		11/25/12 22:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/25/12 22:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/25/12 22:18	591-78-6	
Iodomethane	ND	ug/L	5.0	1		11/25/12 22:18	74-88-4	
Isobutanol	ND	ug/L	100	1		11/25/12 22:18	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		11/25/12 22:18	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		11/25/12 22:18	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		11/25/12 22:18	80-62-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 92139188

Sample: 3412-TRIP BLANK **Lab ID: 92139188020** Collected: 11/19/12 00:00 Received: 11/21/12 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/25/12 22:18	108-10-1	
Naphthalene	ND	ug/L	1.0	1		11/25/12 22:18	91-20-3	
Propionitrile	ND	ug/L	20.0	1		11/25/12 22:18	107-12-0	
Styrene	ND	ug/L	1.0	1		11/25/12 22:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 22:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/25/12 22:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/25/12 22:18	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		11/25/12 22:18	109-99-9	
Toluene	ND	ug/L	1.0	1		11/25/12 22:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/25/12 22:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/25/12 22:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/25/12 22:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/25/12 22:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/25/12 22:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/25/12 22:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/25/12 22:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/25/12 22:18	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		11/25/12 22:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/25/12 22:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/25/12 22:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/25/12 22:18	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		11/25/12 22:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		11/25/12 22:18	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/25/12 22:18	2037-26-5	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MERP/4713 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 880739 — Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/05/12 11:12	

LABORATORY CONTROL SAMPLE: 880740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 880741 880742

Parameter	Units	92139117001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.5	2.5	99	99	75-125	1	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MERP/4714 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 880746 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/05/12 12:26	

LABORATORY CONTROL SAMPLE: 880747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 880748 880749

Parameter	Units	92139394004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.2	2.1	88	84	75-125	5	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MPRP/12055 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014

METHOD BLANK: 879409 — Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	12/01/12 19:10	
Arsenic	ug/L	ND	10.0	12/01/12 19:10	
Barium	ug/L	ND	5.0	12/01/12 19:10	
Beryllium	ug/L	ND	1.0	12/01/12 19:10	
Cadmium	ug/L	ND	1.0	12/01/12 19:10	
Chromium	ug/L	ND	5.0	12/01/12 19:10	
Cobalt	ug/L	ND	5.0	12/01/12 19:10	
Copper	ug/L	ND	5.0	12/01/12 19:10	
Iron	ug/L	ND	50.0	12/01/12 19:10	
Lead	ug/L	ND	5.0	12/01/12 19:10	
Manganese	ug/L	ND	5.0	12/01/12 19:10	
Nickel	ug/L	ND	5.0	12/01/12 19:10	
Selenium	ug/L	ND	10.0	12/01/12 19:10	
Silver	ug/L	ND	5.0	12/01/12 19:10	
Sodium	ug/L	ND	5000	12/01/12 19:10	
Thallium	ug/L	ND	5.4	12/01/12 19:10	
Tin	ug/L	ND	5.0	12/01/12 19:10	
Vanadium	ug/L	ND	5.0	12/01/12 19:10	
Zinc	ug/L	ND	10.0	12/01/12 19:10	

LABORATORY CONTROL SAMPLE: 879410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	483	97	80-120	
Arsenic	ug/L	500	479	96	80-120	
Barium	ug/L	500	471	94	80-120	
Beryllium	ug/L	500	506	101	80-120	
Cadmium	ug/L	500	486	97	80-120	
Chromium	ug/L	500	514	103	80-120	
Cobalt	ug/L	500	485	97	80-120	
Copper	ug/L	500	486	97	80-120	
Iron	ug/L	5000	5170	103	80-120	
Lead	ug/L	500	484	97	80-120	
Manganese	ug/L	500	493	99	80-120	
Nickel	ug/L	500	487	97	80-120	
Selenium	ug/L	500	484	97	80-120	
Silver	ug/L	250	240	96	80-120	
Sodium	ug/L	5000	5250	105	80-120	
Thallium	ug/L	500	470	94	80-120	
Tin	ug/L	500	485	97	80-120	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 879410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vanadium	ug/L	500	489	98	80-120	
Zinc	ug/L	500	488	98	80-120	

MATRIX SPIKE SAMPLE: 879411

Parameter	Units	92139117001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	475	95	75-125	
Arsenic	ug/L	ND	500	482	96	75-125	
Barium	ug/L	71.5	500	536	93	75-125	
Beryllium	ug/L	ND	500	505	101	75-125	
Cadmium	ug/L	ND	500	479	96	75-125	
Chromium	ug/L	7.2	500	522	103	75-125	
Cobalt	ug/L	6.1	500	493	97	75-125	
Copper	ug/L	15.1	500	505	98	75-125	
Iron	ug/L	8640	5000	14000	107	75-125	
Lead	ug/L	10.7	500	480	94	75-125	
Manganese	ug/L	314	500	791	95	75-125	
Nickel	ug/L	10.3	500	492	96	75-125	
Selenium	ug/L	ND	500	481	96	75-125	
Silver	ug/L	ND	250	240	96	75-125	
Sodium	ug/L	ND	5000	8570	119	75-125	
Thallium	ug/L	ND	500	456	91	75-125	
Tin	ug/L	ND	500	481	96	75-125	
Vanadium	ug/L	12.9	500	503	98	75-125	
Zinc	ug/L	25.9	500	516	98	75-125	

SAMPLE DUPLICATE: 879412

Parameter	Units	92139118001 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	20.1	19.3	4	
Beryllium	ug/L	ND	ND		
Cadmium	ug/L	ND	ND		
Chromium	ug/L	ND	ND		
Cobalt	ug/L	ND	ND		
Copper	ug/L	ND	ND		
Iron	ug/L	2460	2210	11	
Lead	ug/L	ND	ND		
Manganese	ug/L	33.6	32.9	2	
Nickel	ug/L	ND	ND		
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	ND		
Sodium	ug/L	ND	ND		
Thallium	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

SAMPLE DUPLICATE: 879412

Parameter	Units	92139118001 Result	Dup Result	RPD	Qualifiers
Tin	ug/L	ND	ND		
Vanadium	ug/L	5.2	ND		
Zinc	ug/L	16.4	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MPRP/12115 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 883817 | Matrix: Water
Associated Lab Samples: 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	12/06/12 14:23	
Arsenic	ug/L	ND	10.0	12/06/12 14:23	
Barium	ug/L	ND	5.0	12/06/12 14:23	
Beryllium	ug/L	ND	1.0	12/06/12 14:23	
Cadmium	ug/L	ND	1.0	12/06/12 14:23	
Chromium	ug/L	ND	5.0	12/06/12 14:23	
Cobalt	ug/L	ND	5.0	12/06/12 14:23	
Copper	ug/L	ND	5.0	12/06/12 14:23	
Iron	ug/L	ND	50.0	12/06/12 14:23	
Lead	ug/L	ND	5.0	12/06/12 14:23	
Manganese	ug/L	ND	5.0	12/06/12 14:23	
Nickel	ug/L	ND	5.0	12/06/12 14:23	
Selenium	ug/L	ND	10.0	12/06/12 14:23	
Silver	ug/L	ND	5.0	12/06/12 14:23	
Sodium	ug/L	ND	5000	12/06/12 14:23	
Thallium	ug/L	ND	5.4	12/06/12 14:23	
Tin	ug/L	ND	5.0	12/06/12 14:23	
Vanadium	ug/L	ND	5.0	12/06/12 14:23	
Zinc	ug/L	ND	10.0	12/06/12 14:23	

LABORATORY CONTROL SAMPLE: 883818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	506	101	80-120	
Arsenic	ug/L	500	495	99	80-120	
Barium	ug/L	500	492	98	80-120	
Beryllium	ug/L	500	506	101	80-120	
Cadmium	ug/L	500	501	100	80-120	
Chromium	ug/L	500	508	102	80-120	
Cobalt	ug/L	500	498	100	80-120	
Copper	ug/L	500	501	100	80-120	
Iron	ug/L	5000	5110	102	80-120	
Lead	ug/L	500	495	99	80-120	
Manganese	ug/L	500	498	100	80-120	
Nickel	ug/L	500	499	100	80-120	
Selenium	ug/L	500	498	100	80-120	
Silver	ug/L	250	252	101	80-120	
Sodium	ug/L	5000	5250	105	80-120	
Thallium	ug/L	500	496	99	80-120	
Tin	ug/L	500	511	102	80-120	
Vanadium	ug/L	500	505	101	80-120	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 883818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	ug/L	500	498	100	80-120	

MATRIX SPIKE SAMPLE: 883819

Parameter	Units	92139188015 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	502	100	75-125	
Arsenic	ug/L	ND	500	490	98	75-125	
Barium	ug/L	46.5	500	527	96	75-125	
Beryllium	ug/L	ND	500	508	102	75-125	
Cadmium	ug/L	ND	500	488	98	75-125	
Chromium	ug/L	ND	500	498	100	75-125	
Cobalt	ug/L	ND	500	489	98	75-125	
Copper	ug/L	ND	500	496	99	75-125	
Iron	ug/L	1280	5000	6280	100	75-125	
Lead	ug/L	ND	500	477	95	75-125	
Manganese	ug/L	106	500	584	96	75-125	
Nickel	ug/L	ND	500	487	97	75-125	
Selenium	ug/L	ND	500	492	98	75-125	
Silver	ug/L	ND	250	249	99	75-125	
Sodium	ug/L	9990	5000	16300	127	75-125	M1
Thallium	ug/L	ND	500	477	95	75-125	
Tin	ug/L	ND	500	502	100	75-125	
Vanadium	ug/L	ND	500	500	100	75-125	
Zinc	ug/L	ND	500	492	98	75-125	

SAMPLE DUPLICATE: 883820

Parameter	Units	92139188016 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	151	150	1	
Beryllium	ug/L	ND	ND		
Cadmium	ug/L	ND	ND		
Chromium	ug/L	ND	ND		
Cobalt	ug/L	ND	ND		
Copper	ug/L	ND	ND		
Iron	ug/L	1640	1490	9	
Lead	ug/L	ND	ND		
Manganese	ug/L	2430	2430	0	
Nickel	ug/L	ND	ND		
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	ND		
Sodium	ug/L	29000	29000	0	
Thallium	ug/L	ND	ND		
Tin	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

SAMPLE DUPLICATE: 883820

Parameter	Units	92139188016 Result	Dup Result	RPD	Qualifiers
Vanadium	ug/L	ND	ND		
Zinc	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MSV/21170 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92139188001, 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 877379 Matrix: Water
Associated Lab Samples: 92139188001, 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,1-Dichloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,1-Dichloroethene	ug/L	ND	1.0	11/22/12 00:20	
1,1-Dichloropropene	ug/L	ND	1.0	11/22/12 00:20	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/22/12 00:20	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/22/12 00:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/22/12 00:20	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/22/12 00:20	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/22/12 00:20	
1,2-Dichloroethane	ug/L	ND	1.0	11/22/12 00:20	
1,2-Dichloropropane	ug/L	ND	1.0	11/22/12 00:20	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/22/12 00:20	
1,3-Dichloropropane	ug/L	ND	1.0	11/22/12 00:20	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/22/12 00:20	
2,2-Dichloropropane	ug/L	ND	1.0	11/22/12 00:20	
2-Butanone (MEK)	ug/L	ND	5.0	11/22/12 00:20	
2-Hexanone	ug/L	ND	5.0	11/22/12 00:20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/22/12 00:20	
Acetone	ug/L	ND	25.0	11/22/12 00:20	
Acetonitrile	ug/L	ND	50.0	11/22/12 00:20	
Acrolein	ug/L	ND	10.0	11/22/12 00:20	
Acrylonitrile	ug/L	ND	10.0	11/22/12 00:20	
Allyl chloride	ug/L	ND	2.0	11/22/12 00:20	
Benzene	ug/L	ND	1.0	11/22/12 00:20	
Bromochloromethane	ug/L	ND	1.0	11/22/12 00:20	
Bromodichloromethane	ug/L	ND	1.0	11/22/12 00:20	
Bromoform	ug/L	ND	1.0	11/22/12 00:20	
Bromomethane	ug/L	ND	2.0	11/22/12 00:20	
Carbon disulfide	ug/L	ND	2.0	11/22/12 00:20	
Carbon tetrachloride	ug/L	ND	1.0	11/22/12 00:20	
Chlorobenzene	ug/L	ND	1.0	11/22/12 00:20	
Chloroethane	ug/L	ND	1.0	11/22/12 00:20	
Chloroform	ug/L	ND	1.0	11/22/12 00:20	
Chloromethane	ug/L	ND	1.0	11/22/12 00:20	
Chloroprene	ug/L	ND	5.0	11/22/12 00:20	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/22/12 00:20	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/22/12 00:20	
Dibromochloromethane	ug/L	ND	1.0	11/22/12 00:20	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 877379 Matrix: Water

Associated Lab Samples: 92139188001, 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	11/22/12 00:20	
Dichlorodifluoromethane	ug/L	ND	1.0	11/22/12 00:20	
Ethyl methacrylate	ug/L	ND	1.0	11/22/12 00:20	
Ethylbenzene	ug/L	ND	1.0	11/22/12 00:20	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/22/12 00:20	
Iodomethane	ug/L	ND	5.0	11/22/12 00:20	
Isobutanol	ug/L	ND	100	11/22/12 00:20	
m&p-Xylene	ug/L	ND	2.0	11/22/12 00:20	
Methacrylonitrile	ug/L	ND	10.0	11/22/12 00:20	
Methyl methacrylate	ug/L	ND	2.0	11/22/12 00:20	
Methylene Chloride	ug/L	ND	1.0	11/22/12 00:20	
Naphthalene	ug/L	ND	1.0	11/22/12 00:20	
o-Xylene	ug/L	ND	1.0	11/22/12 00:20	
Propionitrile	ug/L	ND	20.0	11/22/12 00:20	
Styrene	ug/L	ND	1.0	11/22/12 00:20	
Tetrachloroethene	ug/L	ND	1.0	11/22/12 00:20	
Tetrahydrofuran	ug/L	ND	10.0	11/22/12 00:20	
Toluene	ug/L	ND	1.0	11/22/12 00:20	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/22/12 00:20	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/22/12 00:20	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	11/22/12 00:20	
Trichloroethene	ug/L	ND	1.0	11/22/12 00:20	
Trichlorofluoromethane	ug/L	ND	1.0	11/22/12 00:20	
Vinyl acetate	ug/L	ND	2.0	11/22/12 00:20	
Vinyl chloride	ug/L	ND	1.0	11/22/12 00:20	
Xylene (Total)	ug/L	ND	2.0	11/22/12 00:20	
1,2-Dichloroethane-d4 (S)	%	97	70-130	11/22/12 00:20	
4-Bromofluorobenzene (S)	%	104	70-130	11/22/12 00:20	
Dibromofluoromethane (S)	%	101	70-130	11/22/12 00:20	
Toluene-d8 (S)	%	96	70-130	11/22/12 00:20	

LABORATORY CONTROL SAMPLE: 877380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	70-130	
1,1,1-Trichloroethane	ug/L	50	43.1	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethene	ug/L	50	44.0	88	70-132	
1,1-Dichloropropene	ug/L	50	45.3	91	70-130	
1,2,3-Trichloropropane	ug/L	50	49.1	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	43.2	86	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	44.9	90	70-130	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 877380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	70-130	
1,2-Dichlorobenzene	ug/L	50	45.7	91	70-130	
1,2-Dichloroethane	ug/L	50	40.6	81	70-130	
1,2-Dichloropropane	ug/L	50	47.6	95	70-130	
1,3-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,3-Dichloropropane	ug/L	50	47.3	95	70-130	
1,4-Dichlorobenzene	ug/L	50	46.3	93	70-130	
2,2-Dichloropropane	ug/L	50	36.3	73	58-145	
2-Butanone (MEK)	ug/L	100	115	115	70-145	
2-Hexanone	ug/L	100	117	117	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-140	
Acetone	ug/L	100	94.6	95	50-175	
Acetonitrile	ug/L	500	623	125	70-130	
Acrolein	ug/L	250	336	134	70-130	F3,L3
Acrylonitrile	ug/L	250	266	106	70-143	
Allyl chloride	ug/L	50	45.3	91	70-130	
Benzene	ug/L	50	47.8	96	70-130	
Bromochloromethane	ug/L	50	45.4	91	70-130	
Bromodichloromethane	ug/L	50	46.7	93	70-130	
Bromoform	ug/L	50	50.8	102	70-130	
Bromomethane	ug/L	50	38.5	77	54-130	
Carbon disulfide	ug/L	50	38.7	77	70-131	
Carbon tetrachloride	ug/L	50	44.3	89	70-132	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	45.4	91	64-134	
Chloroform	ug/L	50	44.7	89	70-130	
Chloromethane	ug/L	50	47.8	96	64-130	
Chloroprene	ug/L	50	42.7	85	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.3	89	70-131	
cis-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Dibromochloromethane	ug/L	50	48.3	97	70-130	
Dibromomethane	ug/L	50	49.2	98	70-131	
Dichlorodifluoromethane	ug/L	50	38.5	77	56-130	
Ethyl methacrylate	ug/L	50	51.2	102	70-130	
Ethylbenzene	ug/L	50	47.0	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	70-130	
Iodomethane	ug/L	100	102	102	49-180	
Isobutanol	ug/L	1000	1100	110	70-130	
m&p-Xylene	ug/L	100	98.5	99	70-130	
Methacrylonitrile	ug/L	500	528	106	70-130	
Methyl methacrylate	ug/L	50	53.6	107	70-130	
Methylene Chloride	ug/L	50	47.8	96	63-130	
Naphthalene	ug/L	50	45.5	91	70-138	
o-Xylene	ug/L	50	46.7	93	70-130	
Propionitrile	ug/L	500	574	115	70-130	
Styrene	ug/L	50	48.3	97	70-130	
Tetrachloroethene	ug/L	50	48.2	96	70-130	
Tetrahydrofuran	ug/L	500	554	111	70-130	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 877380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	47.7	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.3	89	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	48.6	97	70-141	
Trichloroethene	ug/L	50	46.4	93	70-130	
Trichlorofluoromethane	ug/L	50	46.0	92	62-133	
Vinyl acetate	ug/L	100	88.3	88	66-157	
Vinyl chloride	ug/L	50	42.7	85	69-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 877381 877382

Parameter	Units	92139188005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	41.7	48.7	83	97	70-166	16	
Benzene	ug/L	ND	50	50	43.1	47.1	86	94	70-148	9	
Chlorobenzene	ug/L	ND	50	50	46.5	53.5	93	107	70-146	14	
Toluene	ug/L	ND	50	50	47.7	53.5	95	107	70-155	12	
Trichloroethene	ug/L	ND	50	50	47.6	55.1	95	110	69-151	15	
1,2-Dichloroethane-d4 (S)	%						91	93	70-130		
4-Bromofluorobenzene (S)	%						104	103	70-130		
Dibromofluoromethane (S)	%						97	101	70-130		
Toluene-d8 (S)	%						97	96	70-130		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: MSV/21191 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019, 92139188020

METHOD BLANK: 877808 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019, 92139188020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,1-Dichloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,1-Dichloroethene	ug/L	ND	1.0	11/25/12 14:57	
1,1-Dichloropropene	ug/L	ND	1.0	11/25/12 14:57	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/25/12 14:57	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/25/12 14:57	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/25/12 14:57	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/25/12 14:57	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/25/12 14:57	
1,2-Dichloroethane	ug/L	ND	1.0	11/25/12 14:57	
1,2-Dichloropropane	ug/L	ND	1.0	11/25/12 14:57	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/25/12 14:57	
1,3-Dichloropropane	ug/L	ND	1.0	11/25/12 14:57	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/25/12 14:57	
2,2-Dichloropropane	ug/L	ND	1.0	11/25/12 14:57	
2-Butanone (MEK)	ug/L	ND	5.0	11/25/12 14:57	
2-Hexanone	ug/L	ND	5.0	11/25/12 14:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/25/12 14:57	
Acetone	ug/L	ND	25.0	11/25/12 14:57	
Acetonitrile	ug/L	ND	50.0	11/25/12 14:57	
Acrolein	ug/L	ND	10.0	11/25/12 14:57	
Acrylonitrile	ug/L	ND	10.0	11/25/12 14:57	
Allyl chloride	ug/L	ND	2.0	11/25/12 14:57	
Benzene	ug/L	ND	1.0	11/25/12 14:57	
Bromochloromethane	ug/L	ND	1.0	11/25/12 14:57	
Bromodichloromethane	ug/L	ND	1.0	11/25/12 14:57	
Bromoform	ug/L	ND	1.0	11/25/12 14:57	
Bromomethane	ug/L	ND	2.0	11/25/12 14:57	
Carbon disulfide	ug/L	ND	2.0	11/25/12 14:57	
Carbon tetrachloride	ug/L	ND	1.0	11/25/12 14:57	
Chlorobenzene	ug/L	ND	1.0	11/25/12 14:57	
Chloroethane	ug/L	ND	1.0	11/25/12 14:57	
Chloroform	ug/L	ND	1.0	11/25/12 14:57	
Chloromethane	ug/L	ND	1.0	11/25/12 14:57	
Chloroprene	ug/L	ND	5.0	11/25/12 14:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/25/12 14:57	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/25/12 14:57	
Dibromochloromethane	ug/L	ND	1.0	11/25/12 14:57	
Dibromomethane	ug/L	ND	1.0	11/25/12 14:57	
Dichlorodifluoromethane	ug/L	ND	1.0	11/25/12 14:57	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 877808 Matrix: Water

Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019, 92139188020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl methacrylate	ug/L	ND	1.0	11/25/12 14:57	
Ethylbenzene	ug/L	ND	1.0	11/25/12 14:57	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/25/12 14:57	
Iodomethane	ug/L	ND	5.0	11/25/12 14:57	
Isobutanol	ug/L	ND	100	11/25/12 14:57	
m&p-Xylene	ug/L	ND	2.0	11/25/12 14:57	
Methacrylonitrile	ug/L	ND	10.0	11/25/12 14:57	
Methyl methacrylate	ug/L	ND	2.0	11/25/12 14:57	
Methylene Chloride	ug/L	ND	1.0	11/25/12 14:57	
Naphthalene	ug/L	ND	1.0	11/25/12 14:57	
o-Xylene	ug/L	ND	1.0	11/25/12 14:57	
Propionitrile	ug/L	ND	20.0	11/25/12 14:57	
Styrene	ug/L	ND	1.0	11/25/12 14:57	
Tetrachloroethene	ug/L	ND	1.0	11/25/12 14:57	
Tetrahydrofuran	ug/L	ND	10.0	11/25/12 14:57	
Toluene	ug/L	ND	1.0	11/25/12 14:57	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/25/12 14:57	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/25/12 14:57	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	11/25/12 14:57	
Trichloroethene	ug/L	ND	1.0	11/25/12 14:57	
Trichlorofluoromethane	ug/L	ND	1.0	11/25/12 14:57	
Vinyl acetate	ug/L	ND	2.0	11/25/12 14:57	
Vinyl chloride	ug/L	ND	1.0	11/25/12 14:57	
Xylene (Total)	ug/L	ND	2.0	11/25/12 14:57	
1,2-Dichloroethane-d4 (S)	%	101	70-130	11/25/12 14:57	
4-Bromofluorobenzene (S)	%	89	70-130	11/25/12 14:57	
Dibromofluoromethane (S)	%	101	70-130	11/25/12 14:57	
Toluene-d8 (S)	%	98	70-130	11/25/12 14:57	

LABORATORY CONTROL SAMPLE: 877809

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethene	ug/L	50	50.5	101	70-132	
1,1-Dichloropropene	ug/L	50	52.1	104	70-130	
1,2,3-Trichloropropane	ug/L	50	50.1	100	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.1	104	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	70-130	
1,2-Dichlorobenzene	ug/L	50	48.9	98	70-130	
1,2-Dichloroethane	ug/L	50	48.6	97	70-130	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 877809

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,3-Dichloropropane	ug/L	50	51.0	102	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
2,2-Dichloropropane	ug/L	50	50.3	101	58-145	
2-Butanone (MEK)	ug/L	100	105	105	70-145	
2-Hexanone	ug/L	100	105	105	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-140	
Acetone	ug/L	100	96.8	97	50-175	
Acetonitrile	ug/L	500	605	121	70-130	
Acrolein	ug/L	250	245	98	70-130	
Acrylonitrile	ug/L	250	247	99	70-143	
Allyl chloride	ug/L	50	47.1	94	70-130	
Benzene	ug/L	50	51.5	103	70-130	
Bromochloromethane	ug/L	50	51.0	102	70-130	
Bromodichloromethane	ug/L	50	52.4	105	70-130	
Bromoform	ug/L	50	45.3	91	70-130	
Bromomethane	ug/L	50	58.1	116	54-130	
Carbon disulfide	ug/L	50	39.2	78	70-131	
Carbon tetrachloride	ug/L	50	50.2	100	70-132	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	49.2	98	64-134	
Chloroform	ug/L	50	50.9	102	70-130	
Chloromethane	ug/L	50	51.5	103	64-130	
Chloroprene	ug/L	50	51.2	102	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	70-131	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	50.3	101	70-131	
Dichlorodifluoromethane	ug/L	50	59.6	119	56-130	
Ethyl methacrylate	ug/L	50	51.9	104	70-130	
Ethylbenzene	ug/L	50	50.8	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	55.3	111	70-130	
Iodomethane	ug/L	100	91.1	91	49-180	
Isobutanol	ug/L	1000	1290	129	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methacrylonitrile	ug/L	500	499	100	70-130	
Methyl methacrylate	ug/L	50	49.2	98	70-130	
Methylene Chloride	ug/L	50	45.1	90	63-130	
Naphthalene	ug/L	50	52.9	106	70-138	
o-Xylene	ug/L	50	49.5	99	70-130	
Propionitrile	ug/L	500	526	105	70-130	
Styrene	ug/L	50	47.4	95	70-130	
Tetrachloroethene	ug/L	50	52.0	104	70-130	
Tetrahydrofuran	ug/L	500	513	103	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.9	108	70-132	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 877809

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	50	50.2	100	70-141	
Trichloroethene	ug/L	50	49.4	99	70-130	
Trichlorofluoromethane	ug/L	50	57.7	115	62-133	
Vinyl acetate	ug/L	100	101	101	66-157	
Vinyl chloride	ug/L	50	57.1	114	69-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 877810 877811

Parameter	Units	92139188018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	54.0	51.0	108	102	70-166	6	
Benzene	ug/L	0.34J	50	50	54.5	54.1	108	108	70-148	1	
Chlorobenzene	ug/L	ND	50	50	53.9	52.6	108	105	70-146	2	
Toluene	ug/L	ND	50	50	54.4	53.2	108	106	70-155	2	
Trichloroethene	ug/L	ND	50	50	52.3	51.7	105	103	69-151	1	
1,2-Dichloroethane-d4 (S)	%						100	97	70-130		
4-Bromofluorobenzene (S)	%						102	99	70-130		
Dibromofluoromethane (S)	%						102	100	70-130		
Toluene-d8 (S)	%						100	101	70-130		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19807 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 876379 Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	11/28/12 15:46	
4,4'-DDE	ug/L	ND	0.050	11/28/12 15:46	
4,4'-DDT	ug/L	ND	0.050	11/28/12 15:46	
Aldrin	ug/L	ND	0.050	11/28/12 15:46	
alpha-BHC	ug/L	ND	0.050	11/28/12 15:46	
beta-BHC	ug/L	ND	0.050	11/28/12 15:46	
Chlordane (Technical)	ug/L	ND	0.20	11/28/12 15:46	
delta-BHC	ug/L	ND	0.050	11/28/12 15:46	
Dieldrin	ug/L	ND	0.050	11/28/12 15:46	
Endosulfan I	ug/L	ND	0.050	11/28/12 15:46	
Endosulfan II	ug/L	ND	0.050	11/28/12 15:46	
Endosulfan sulfate	ug/L	ND	0.050	11/28/12 15:46	
Endrin	ug/L	ND	0.050	11/28/12 15:46	
Endrin aldehyde	ug/L	ND	0.050	11/28/12 15:46	
gamma-BHC (Lindane)	ug/L	ND	0.050	11/28/12 15:46	
Heptachlor	ug/L	ND	0.050	11/28/12 15:46	
Heptachlor epoxide	ug/L	ND	0.050	11/28/12 15:46	
Methoxychlor	ug/L	ND	0.15	11/28/12 15:46	
Toxaphene	ug/L	ND	0.20	11/28/12 15:46	
Decachlorobiphenyl (S)	%	81	20-130	11/28/12 15:46	
Tetrachloro-m-xylene (S)	%	87	20-130	11/28/12 15:46	

LABORATORY CONTROL SAMPLE: 876380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.24	98	20-150	
4,4'-DDE	ug/L	.25	0.25	99	20-150	
4,4'-DDT	ug/L	.25	0.22	88	20-150	
Aldrin	ug/L	.25	0.20	82	20-150	
alpha-BHC	ug/L	.25	0.21	85	20-150	
beta-BHC	ug/L	.25	0.22	88	20-150	
delta-BHC	ug/L	.25	0.22	90	20-150	
Dieldrin	ug/L	.25	0.24	96	20-150	
Endosulfan I	ug/L	.25	0.23	91	20-150	
Endosulfan II	ug/L	.25	0.24	95	20-150	
Endosulfan sulfate	ug/L	.25	0.21	86	20-150	
Endrin	ug/L	.25	0.25	99	20-150	
Endrin aldehyde	ug/L	.25	0.22	90	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.22	87	20-150	
Heptachlor	ug/L	.25	0.22	87	20-150	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 876380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor epoxide	ug/L	.25	0.21	86	20-150	
Methoxychlor	ug/L	.74	0.63	85	20-150	
Decachlorobiphenyl (S)	%			84	20-130	
Tetrachloro-m-xylene (S)	%			88	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 876381 876382

Parameter	Units	92139188008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.51	0.51	103	102	20-150	1	
4,4'-DDE	ug/L	ND	.5	.5	0.49	0.48	99	96	20-150	3	
4,4'-DDT	ug/L	ND	.5	.5	0.47	0.46	94	92	20-150	2	
Aldrin	ug/L	ND	.5	.5	0.40	0.39	82	78	20-150	5	
alpha-BHC	ug/L	ND	.5	.5	0.43	0.42	87	85	20-150	2	
beta-BHC	ug/L	ND	.5	.5	0.44	0.44	89	88	20-150	1	
delta-BHC	ug/L	ND	.5	.5	0.45	0.45	90	91	20-150	1	
Dieldrin	ug/L	ND	.5	.5	0.47	0.47	96	95	20-150	1	
Endosulfan I	ug/L	ND	.5	.5	0.45	0.44	91	90	20-150	1	
Endosulfan II	ug/L	ND	.5	.5	0.48	0.49	98	98	20-150	0	
Endosulfan sulfate	ug/L	ND	.5	.5	0.45	0.46	92	92	20-150	1	
Endrin	ug/L	ND	.5	.5	0.50	0.49	101	100	20-150	1	
Endrin aldehyde	ug/L	ND	.5	.5	0.44	0.44	90	89	20-150	1	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.44	0.43	89	87	20-150	2	
Heptachlor	ug/L	ND	.5	.5	0.42	0.41	86	84	20-150	3	
Heptachlor epoxide	ug/L	ND	.5	.5	0.42	0.42	85	84	20-150	1	
Methoxychlor	ug/L	ND	1.5	1.5	1.4	1.3	91	91	20-150	0	
Decachlorobiphenyl (S)	%						78	91	20-130		
Tetrachloro-m-xylene (S)	%						84	85	20-130		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19844 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 878343 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	12/01/12 04:19	
4,4'-DDE	ug/L	ND	0.050	12/01/12 04:19	
4,4'-DDT	ug/L	ND	0.050	12/01/12 04:19	
Aldrin	ug/L	ND	0.050	12/01/12 04:19	
alpha-BHC	ug/L	ND	0.050	12/01/12 04:19	
beta-BHC	ug/L	ND	0.050	12/01/12 04:19	
Chlordane (Technical)	ug/L	ND	0.20	12/01/12 04:19	
delta-BHC	ug/L	ND	0.050	12/01/12 04:19	
Dieldrin	ug/L	ND	0.050	12/01/12 04:19	
Endosulfan I	ug/L	ND	0.050	12/01/12 04:19	
Endosulfan II	ug/L	ND	0.050	12/01/12 04:19	
Endosulfan sulfate	ug/L	ND	0.050	12/01/12 04:19	
Endrin	ug/L	ND	0.050	12/01/12 04:19	
Endrin aldehyde	ug/L	ND	0.050	12/01/12 04:19	
gamma-BHC (Lindane)	ug/L	ND	0.050	12/01/12 04:19	
Heptachlor	ug/L	ND	0.050	12/01/12 04:19	
Heptachlor epoxide	ug/L	ND	0.050	12/01/12 04:19	
Methoxychlor	ug/L	ND	0.15	12/01/12 04:19	
Toxaphene	ug/L	ND	0.20	12/01/12 04:19	
Decachlorobiphenyl (S)	%	94	20-130	12/01/12 04:19	
Tetrachloro-m-xylene (S)	%	87	20-130	12/01/12 04:19	

LABORATORY CONTROL SAMPLE: 878344

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.23	93	20-150	
4,4'-DDE	ug/L	.25	0.22	89	20-150	
4,4'-DDT	ug/L	.25	0.21	85	20-150	
Aldrin	ug/L	.25	0.16	63	20-150	
alpha-BHC	ug/L	.25	0.19	78	20-150	
beta-BHC	ug/L	.25	0.20	80	20-150	
delta-BHC	ug/L	.25	0.21	85	20-150	
Dieldrin	ug/L	.25	0.22	91	20-150	
Endosulfan I	ug/L	.25	0.21	86	20-150	
Endosulfan II	ug/L	.25	0.22	87	20-150	
Endosulfan sulfate	ug/L	.25	0.19	77	20-150	
Endrin	ug/L	.25	0.21	87	20-150	
Endrin aldehyde	ug/L	.25	0.21	84	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.20	79	20-150	
Heptachlor	ug/L	.25	0.16	66	20-150	
Heptachlor epoxide	ug/L	.25	0.19	78	20-150	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 878344

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methoxychlor	ug/L	.74	0.60	81	20-150	
Decachlorobiphenyl (S)	%			81	20-130	
Tetrachloro-m-xylene (S)	%			82	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 878345 878346

Parameter	Units	92139188015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.43	0.30	87	61	20-150	34	R1
4,4'-DDE	ug/L	ND	.5	.5	0.38	0.33	77	67	20-150	14	
4,4'-DDT	ug/L	ND	.5	.5	0.36	0.31	74	62	20-150	17	
Aldrin	ug/L	ND	.5	.5	0.28	0.23	57	47	20-150	20	
alpha-BHC	ug/L	ND	.5	.5	0.33	0.34	66	68	20-150	2	
beta-BHC	ug/L	ND	.5	.5	0.38	0.37	77	75	20-150	2	
delta-BHC	ug/L	ND	.5	.5	0.40	0.38	80	76	20-150	5	
Dieldrin	ug/L	ND	.5	.5	0.40	0.28	81	56	20-150	36	R1
Endosulfan I	ug/L	ND	.5	.5	0.40	0.31	80	62	20-150	25	
Endosulfan II	ug/L	ND	.5	.5	0.44	0.30	88	60	20-150	39	R1
Endosulfan sulfate	ug/L	ND	.5	.5	0.41	0.29	83	60	20-150	33	R1
Endrin	ug/L	ND	.5	.5	0.42	0.30	84	61	20-150	32	R1
Endrin aldehyde	ug/L	ND	.5	.5	0.44	0.38	89	76	20-150	17	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.34	0.35	69	70	20-150	1	
Heptachlor	ug/L	ND	.5	.5	0.29	0.21	60	42	20-150	34	R1
Heptachlor epoxide	ug/L	ND	.5	.5	0.35	0.25	70	50	20-150	33	R1
Methoxychlor	ug/L	ND	1.5	1.5	1.1	0.82	73	55	20-150	28	
Decachlorobiphenyl (S)	%						83	79	20-130		
Tetrachloro-m-xylene (S)	%						68	67	20-130		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19808 | Analysis Method: EPA 8082
QC Batch Method: EPA 3510 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 876386 | Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	11/26/12 20:52	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	11/26/12 20:52	
Decachlorobiphenyl (S)	%	81	10-132	11/26/12 20:52	

LABORATORY CONTROL SAMPLE: 876387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.0	80	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	4.0	81	50-150	
Decachlorobiphenyl (S)	%			88	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 876388 876389

Parameter	Units	92139188008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	8.7	9.5	87	95	50-150	9	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	8.7	10	87	100	50-150	14	
Decachlorobiphenyl (S)	%						97	100	10-132		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19845 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 878347 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	11/29/12 23:39	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	11/29/12 23:39	
Decachlorobiphenyl (S)	%	79	10-132	11/29/12 23:39	

LABORATORY CONTROL SAMPLE: 878348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.1	82	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	4.4	88	50-150	
Decachlorobiphenyl (S)	%			76	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 878349 878350

Parameter	Units	92139188015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	7.1	7.7	71	77	50-150	8	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	7.8	8.0	78	80	50-150	2	
Decachlorobiphenyl (S)	%						66	66	10-132		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/10710 | Analysis Method: EPA 8151
QC Batch Method: EPA 8151 | Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 513104 | Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.19	11/27/12 05:10	
2,4,5-TP (Silvex)	ug/L	ND	0.19	11/27/12 05:10	
2,4-D	ug/L	ND	0.94	11/27/12 05:10	
Dinoseb	ug/L	ND	0.19	11/27/12 05:10	
2,4-DCAA (S)	%	86	42-142	11/27/12 05:10	

LABORATORY CONTROL SAMPLE: 513105

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.3	108	28-161	
2,4,5-TP (Silvex)	ug/L	1.2	1.5	121	27-170	
2,4-D	ug/L	6	5.8	97	23-163	
Dinoseb	ug/L	1.2	1.1	90	24-151	
2,4-DCAA (S)	%			94	42-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 513399 513400

Parameter	Units	3574922057 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-T	ug/L	0.044U	2.4	2.4	2.6	2.5	110	102	36-169	7	
2,4,5-TP (Silvex)	ug/L	0.051U	2.4	2.4	3.1	2.9	127	119	20-176	7	
2,4-D	ug/L	0.23U	12	12	12.1	11.3	101	94	17-167	7	
Dinoseb	ug/L	0.059U	2.4	2.4	2.2	2.0	92	85	10-163	9	
2,4-DCAA (S)	%						91	91	42-142		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/10729 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 514159 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.19	11/28/12 02:01	
2,4,5-TP (Silvex)	ug/L	ND	0.19	11/28/12 02:01	
2,4-D	ug/L	ND	0.94	11/28/12 02:01	
Dinoseb	ug/L	ND	0.19	11/28/12 02:01	
2,4-DCAA (S)	%	90	42-142	11/28/12 02:01	

LABORATORY CONTROL SAMPLE & LCSD: 514160 514415

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,5-T	ug/L	1.2	1.2	1.2	100	99	28-161	1	40	
2,4,5-TP (Silvex)	ug/L	1.2	1.3	1.4	109	115	27-170	6	40	
2,4-D	ug/L	6	5.6	5.6	93	93	23-163	.5	40	
Dinoseb	ug/L	1.2	0.61	0.58	51	49	24-151	5	40	
2,4-DCAA (S)	%				96	88	42-142			

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19803 — Analysis Method: EPA 8270
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

METHOD BLANK: 876366 — Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	11/29/12 15:55	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	11/29/12 15:55	
1,3-Dinitrobenzene	ug/L	ND	20.0	11/29/12 15:55	
1,4-Naphthoquinone	ug/L	ND	5.0	11/29/12 15:55	
1-Naphthalenamine	ug/L	ND	5.0	11/29/12 15:55	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2,4,5-Trichlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2,4,6-Trichlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2,4-Dichlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2,4-Dimethylphenol	ug/L	ND	10.0	11/29/12 15:55	
2,4-Dinitrophenol	ug/L	ND	50.0	11/29/12 15:55	
2,4-Dinitrotoluene	ug/L	ND	10.0	11/29/12 15:55	
2,6-Dichlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2,6-Dinitrotoluene	ug/L	ND	10.0	11/29/12 15:55	
2-Acetylaminofluorene	ug/L	ND	20.0	11/29/12 15:55	
2-Chloronaphthalene	ug/L	ND	10.0	11/29/12 15:55	
2-Chlorophenol	ug/L	ND	10.0	11/29/12 15:55	
2-Methylnaphthalene	ug/L	ND	10.0	11/29/12 15:55	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/29/12 15:55	
2-Naphthalenamine	ug/L	ND	5.0	11/29/12 15:55	
2-Nitroaniline	ug/L	ND	50.0	11/29/12 15:55	
2-Nitrophenol	ug/L	ND	10.0	11/29/12 15:55	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	11/29/12 15:55	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	11/29/12 15:55	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	11/29/12 15:55	
3-Methylcholanthrene	ug/L	ND	10.0	11/29/12 15:55	
3-Nitroaniline	ug/L	ND	50.0	11/29/12 15:55	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	11/29/12 15:55	
4-Aminobiphenyl	ug/L	ND	10.0	11/29/12 15:55	
4-Bromophenylphenyl ether	ug/L	ND	10.0	11/29/12 15:55	
4-Chloro-3-methylphenol	ug/L	ND	20.0	11/29/12 15:55	
4-Chloroaniline	ug/L	ND	20.0	11/29/12 15:55	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	11/29/12 15:55	
4-Nitroaniline	ug/L	ND	20.0	11/29/12 15:55	
4-Nitrophenol	ug/L	ND	50.0	11/29/12 15:55	
5-Nitro-o-toluidine	ug/L	ND	10.0	11/29/12 15:55	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	11/29/12 15:55	
Acenaphthene	ug/L	ND	10.0	11/29/12 15:55	
Acenaphthylene	ug/L	ND	10.0	11/29/12 15:55	
Acetophenone	ug/L	ND	10.0	11/29/12 15:55	
Anthracene	ug/L	ND	10.0	11/29/12 15:55	
Benzo(a)anthracene	ug/L	ND	10.0	11/29/12 15:55	
Benzo(a)pyrene	ug/L	ND	10.0	11/29/12 15:55	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 876366 Matrix: Water

Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(b)fluoranthene	ug/L	ND	10.0	11/29/12 15:55	
Benzo(g,h,i)perylene	ug/L	ND	10.0	11/29/12 15:55	
Benzo(k)fluoranthene	ug/L	ND	10.0	11/29/12 15:55	
Benzyl alcohol	ug/L	ND	20.0	11/29/12 15:55	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	11/29/12 15:55	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	11/29/12 15:55	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	11/29/12 15:55	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	11/29/12 15:55	
Butylbenzylphthalate	ug/L	ND	10.0	11/29/12 15:55	
Chlorobenzilate	ug/L	ND	10.0	11/29/12 15:55	
Chrysene	ug/L	ND	10.0	11/29/12 15:55	
Di-n-butylphthalate	ug/L	ND	10.0	11/29/12 15:55	
Di-n-octylphthalate	ug/L	ND	10.0	11/29/12 15:55	
Diallate	ug/L	ND	10.0	11/29/12 15:55	
Dibenz(a,h)anthracene	ug/L	ND	10.0	11/29/12 15:55	
Dibenzofuran	ug/L	ND	10.0	11/29/12 15:55	
Diethylphthalate	ug/L	ND	10.0	11/29/12 15:55	
Dimethoate	ug/L	ND	10.0	11/29/12 15:55	
Dimethylphthalate	ug/L	ND	10.0	11/29/12 15:55	
Diphenylamine	ug/L	ND	10.0	11/29/12 15:55	
Disulfoton	ug/L	ND	10.0	11/29/12 15:55	
Ethyl methanesulfonate	ug/L	ND	20.0	11/29/12 15:55	
Famphur	ug/L	ND	10.0	11/29/12 15:55	
Fluoranthene	ug/L	ND	10.0	11/29/12 15:55	
Fluorene	ug/L	ND	10.0	11/29/12 15:55	
Hexachlorobenzene	ug/L	ND	10.0	11/29/12 15:55	
Hexachlorocyclopentadiene	ug/L	ND	10.0	11/29/12 15:55	
Hexachloroethane	ug/L	ND	10.0	11/29/12 15:55	
Hexachlorophene	ug/L	ND	100	11/29/12 15:55	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	11/29/12 15:55	
Isodrin	ug/L	ND	20.0	11/29/12 15:55	
Isophorone	ug/L	ND	10.0	11/29/12 15:55	
Isosafrole	ug/L	ND	10.0	11/29/12 15:55	
Kepone	ug/L	ND	10.0	11/29/12 15:55	
Methapyrilene	ug/L	ND	50.0	11/29/12 15:55	
Methyl methanesulfonate	ug/L	ND	5.0	11/29/12 15:55	
Methyl parathion	ug/L	ND	10.0	11/29/12 15:55	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	11/29/12 15:55	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	11/29/12 15:55	
N-Nitrosodiethylamine	ug/L	ND	20.0	11/29/12 15:55	
N-Nitrosodimethylamine	ug/L	ND	10.0	11/29/12 15:55	
N-Nitrosodiphenylamine	ug/L	ND	10.0	11/29/12 15:55	
N-Nitrosomethylethylamine	ug/L	ND	10.0	11/29/12 15:55	
N-Nitrosopiperidine	ug/L	ND	20.0	11/29/12 15:55	
N-Nitrosopyrrolidine	ug/L	ND	10.0	11/29/12 15:55	
Nitrobenzene	ug/L	ND	10.0	11/29/12 15:55	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	11/29/12 15:55	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 876366 Matrix: Water

Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
O-Toluidine	ug/L	ND	10.0	11/29/12 15:55	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	11/29/12 15:55	
p-Phenylenediamine	ug/L	ND	10.0	11/29/12 15:55	
Parathion (Ethyl parathion)	ug/L	ND	10.0	11/29/12 15:55	
Pentachlorobenzene	ug/L	ND	10.0	11/29/12 15:55	
Pentachloronitrobenzene	ug/L	ND	20.0	11/29/12 15:55	
Pentachlorophenol	ug/L	ND	25.0	11/29/12 15:55	
Phenacetin	ug/L	ND	20.0	11/29/12 15:55	
Phenanthrene	ug/L	ND	10.0	11/29/12 15:55	
Phenol	ug/L	ND	10.0	11/29/12 15:55	
Phorate	ug/L	ND	10.0	11/29/12 15:55	
Pronamide	ug/L	ND	10.0	11/29/12 15:55	
Pyrene	ug/L	ND	10.0	11/29/12 15:55	
Safrole	ug/L	ND	10.0	11/29/12 15:55	
Thionazin	ug/L	ND	20.0	11/29/12 15:55	
2,4,6-Tribromophenol (S)	%	61	27-110	11/29/12 15:55	
2-Fluorobiphenyl (S)	%	66	27-110	11/29/12 15:55	
2-Fluorophenol (S)	%	34	12-110	11/29/12 15:55	
Nitrobenzene-d5 (S)	%	68	21-110	11/29/12 15:55	
Phenol-d6 (S)	%	23	10-110	11/29/12 15:55	
Terphenyl-d14 (S)	%	90	31-107	11/29/12 15:55	

LABORATORY CONTROL SAMPLE: 876367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	24.3	49	17-115	
1,3,5-Trinitrobenzene	ug/L	50	46.7	93	17-115	
1,3-Dinitrobenzene	ug/L	50	45.8	92	17-115	
1,4-Naphthoquinone	ug/L	50	33.4	67	17-115	
1-Naphthalenamine	ug/L	50	35.0	70	17-115	
2,3,4,6-Tetrachlorophenol	ug/L	50	91.4	183	17-115	L3
2,4,5-Trichlorophenol	ug/L	50	36.5	73	23-116	
2,4,6-Trichlorophenol	ug/L	50	30.9	62	21-114	
2,4-Dichlorophenol	ug/L	50	22.3	45	22-120	
2,4-Dimethylphenol	ug/L	50	21.9	44	15-109	
2,4-Dinitrophenol	ug/L	250	242	97	10-103	
2,4-Dinitrotoluene	ug/L	50	37.8	76	24-119	
2,6-Dichlorophenol	ug/L	50	36.7	73	17-115	
2,6-Dinitrotoluene	ug/L	50	35.9	72	25-116	
2-Acetylaminofluorene	ug/L	50	47.2	94	17-115	
2-Chloronaphthalene	ug/L	50	30.4	61	18-110	
2-Chlorophenol	ug/L	50	24.9	50	10-104	
2-Methylnaphthalene	ug/L	50	21.9	44	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	21.6	43	13-110	
2-Naphthalenamine	ug/L	50	35.0	70	17-115	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 876367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	79.1	79	20-117	
2-Nitrophenol	ug/L	50	24.0	48	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	18.5	37	14-110	
3,3'-Dichlorobenzidine	ug/L	250	93.6	37	13-131	
3,3'-Dimethylbenzidine	ug/L	100	80.2	80	17-115	
3-Methylcholanthrene	ug/L	50	46.5	93	17-115	
3-Nitroaniline	ug/L	100	84.5	85	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	95.0	95	13-119	
4-Aminobiphenyl	ug/L	50	35.3	71	17-115	
4-Bromophenylphenyl ether	ug/L	50	38.3	77	23-120	
4-Chloro-3-methylphenol	ug/L	100	57.1	57	21-119	
4-Chloroaniline	ug/L	100	43.8	44	10-122	
4-Chlorophenylphenyl ether	ug/L	50	37.2	74	22-112	
4-Nitroaniline	ug/L	100	92.5	92	14-118	
4-Nitrophenol	ug/L	250	107	43	10-110	
5-Nitro-o-toluidine	ug/L	50	53.4	107	17-115	
7,12-Dimethylbenz(a)anthracene	ug/L	50	39.9	80	50-150	
Acenaphthene	ug/L	50	32.8	66	20-105	
Acenaphthylene	ug/L	50	31.7	63	23-106	
Acetophenone	ug/L	50	27.6	55	17-115	
Anthracene	ug/L	50	43.3	87	25-120	
Benzo(a)anthracene	ug/L	50	47.8	96	21-128	
Benzo(a)pyrene	ug/L	50	47.6	95	25-116	
Benzo(b)fluoranthene	ug/L	50	46.2	92	23-117	
Benzo(g,h,i)perylene	ug/L	50	45.0	90	17-128	
Benzo(k)fluoranthene	ug/L	50	45.6	91	25-127	
Benzyl alcohol	ug/L	100	47.8	48	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	30.9	62	19-107	
bis(2-Chloroethyl) ether	ug/L	50	28.4	57	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	26.9	54	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	51.4	103	16-123	
Butylbenzylphthalate	ug/L	50	50.4	101	20-118	
Chlorobenzilate	ug/L	50	51.5	103	17-115	
Chrysene	ug/L	50	45.4	91	24-125	
Di-n-butylphthalate	ug/L	50	42.7	85	23-115	
Di-n-octylphthalate	ug/L	50	41.7	83	20-115	
Diallate	ug/L	50	43.7	87	17-115	
Dibenz(a,h)anthracene	ug/L	50	45.4	91	18-131	
Dibenzofuran	ug/L	50	35.1	70	23-106	
Diethylphthalate	ug/L	50	40.8	82	24-115	
Dimethoate	ug/L	50	37.5	75	17-115	
Dimethylphthalate	ug/L	50	37.9	76	22-113	
Diphenylamine	ug/L	50	40.2	80	17-115	
Disulfoton	ug/L	50	49.3	99	17-115	
Ethyl methanesulfonate	ug/L	50	30.1	60	17-115	
Famphur	ug/L	100	81.7	82	17-115	
Fluoranthene	ug/L	50	48.0	96	24-125	
Fluorene	ug/L	50	39.0	78	24-114	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 876367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/L	50	37.7	75	22-127	
Hexachlorocyclopentadiene	ug/L	50	26.9	54	10-110	
Hexachloroethane	ug/L	50	21.9	44	10-110	
Hexachlorophene	ug/L	500	336	67	17-115	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.4	93	18-130	
Isodrin	ug/L	50	49.5	99	17-115	
Isophorone	ug/L	50	19.6	39	23-114	
Isosafrole	ug/L	50	28.8	58	17-115	
Kepone	ug/L	100	49.5	50	17-115	
Methapyrilene	ug/L	50	14.4J	29	17-115	
Methyl methanesulfonate	ug/L	50	25.9	52	17-115	
Methyl parathion	ug/L	50	46.2	92	17-115	
N-Nitroso-di-n-butylamine	ug/L	50	30.1	60	17-115	
N-Nitroso-di-n-propylamine	ug/L	50	28.8	58	21-114	
N-Nitrosodiethylamine	ug/L	50	27.7	55	17-115	
N-Nitrosodimethylamine	ug/L	50	18.6	37	10-110	
N-Nitrosodiphenylamine	ug/L	50	40.2	80	24-123	
N-Nitrosomethylethylamine	ug/L	50	27.4	55	17-115	
N-Nitrosopiperidine	ug/L	50	34.2	68	17-115	
N-Nitrosopyrrolidine	ug/L	50	27.6	55	17-115	
Nitrobenzene	ug/L	50	20.1	40	16-106	
O,O,O-Triethylphosphorothioate	ug/L	50	25.0	50	17-115	
O-Toluidine	ug/L	50	26.6	53	17-115	
P-Dimethylaminoazobenzene	ug/L	100	52.1	52	17-115	
p-Phenylenediamine	ug/L	50	61.3	123	17-115	L3
Parathion (Ethyl parathion)	ug/L	50	43.5	87	17-115	
Pentachlorobenzene	ug/L	50	32.1	64	17-115	
Pentachloronitrobenzene	ug/L	50	45.0	90	17-115	
Pentachlorophenol	ug/L	250	95.6	38	10-123	
Phenacetin	ug/L	50	50.3	101	17-115	
Phenanthrene	ug/L	50	42.0	84	25-119	
Phenol	ug/L	50	10.7	21	10-110	
Phorate	ug/L	50	46.7	93	17-115	
Pronamide	ug/L	50	58.0	116	17-115	L3
Pyrene	ug/L	50	48.8	98	22-127	
Safrole	ug/L	50	29.2	58	17-115	
Thionazin	ug/L	50	48.5	97	17-115	
2,4,6-Tribromophenol (S)	%			77	27-110	
2-Fluorobiphenyl (S)	%			51	27-110	
2-Fluorophenol (S)	%			30	12-110	
Nitrobenzene-d5 (S)	%			47	21-110	
Phenol-d6 (S)	%			19	10-110	
Terphenyl-d14 (S)	%			95	31-107	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 876368 876369

Parameter	Units	92139188004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4,5-Tetrachlorobenzene	ug/L	ND	100	100	65.7	59.2	66	59	50-150	10	
1,3,5-Trinitrobenzene	ug/L	ND	100	100	97.8	94.6	98	95	50-150	3	
1,3-Dinitrobenzene	ug/L	ND	100	100	93.3	86.4	93	86	50-150	8	
1,4-Naphthoquinone	ug/L	ND	100	100	79.2	82.2	79	82	50-150	4	
1-Naphthalenamine	ug/L	ND	100	100	57.1	42.2	57	42	50-150	30	M0,M1
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	182	176	182	176	50-150	3	M0
2,4,5-Trichlorophenol	ug/L	ND	100	100	82.3	77.3	82	77	19-105	6	
2,4,6-Trichlorophenol	ug/L	ND	100	100	73.1	68.7	73	69	13-108	6	
2,4-Dichlorophenol	ug/L	ND	100	100	54.9	46.1	55	46	29-111	17	
2,4-Dimethylphenol	ug/L	ND	100	100	53.4	46.8	53	47	21-103	13	
2,4-Dinitrophenol	ug/L	ND	500	500	499	491	100	98	10-109	2	
2,4-Dinitrotoluene	ug/L	ND	100	100	73.7	70.7	74	71	27-104	4	
2,6-Dichlorophenol	ug/L	ND	100	100	87.6	74.3	88	74	50-150	16	
2,6-Dinitrotoluene	ug/L	ND	100	100	71.7	70.0	72	70	28-101	2	
2-Acetylaminofluorene	ug/L	ND	100	100	94.2	92.5	94	92	50-150	2	
2-Chloronaphthalene	ug/L	ND	100	100	76.5	68.7	76	69	14-102	11	
2-Chlorophenol	ug/L	ND	100	100	61.3	52.5	61	52	16-110	15	
2-Methylnaphthalene	ug/L	ND	100	100	52.5	45.6	53	46	13-110	14	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	56.4	50.1	56	50	19-110	12	
2-Naphthalenamine	ug/L	ND	100	100	62.6	51.1	63	51	50-150	20	
2-Nitroaniline	ug/L	ND	200	200	174	167	87	84	26-103	4	
2-Nitrophenol	ug/L	ND	100	100	57.5	48.4	58	48	20-110	17	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	50.5	45.8	51	46	20-110	10	
3,3'-Dichlorobenzidine	ug/L	ND	500	500	185	177	37	35	25-112	5	
3,3'-Dimethylbenzidine	ug/L	ND	200	200	39.5	ND	20	3	50-150		M0,M1
3-Methylcholanthrene	ug/L	ND	100	100	97.4	94.8	97	95	50-150	3	
3-Nitroaniline	ug/L	ND	200	200	166	156	83	78	29-110	6	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	185	187	93	93	10-117	1	
4-Aminobiphenyl	ug/L	ND	100	100	52.0	46.8	52	47	50-150	10	M0,M1
4-Bromophenylphenyl ether	ug/L	ND	100	100	80.1	77.5	80	78	20-105	3	
4-Chloro-3-methylphenol	ug/L	ND	200	200	124	115	62	58	22-110	7	
4-Chloroaniline	ug/L	ND	200	200	102	86.7	51	43	20-100	17	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	81.3	76.4	81	76	19-102	6	
4-Nitroaniline	ug/L	ND	200	200	185	182	92	91	29-110	1	
4-Nitrophenol	ug/L	ND	500	500	268	296	54	59	10-110	10	
5-Nitro-o-toluidine	ug/L	ND	100	100	103	99.6	103	100	50-150	3	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	100	100	87.4	86.1	87	86	50-150	2	
Acenaphthene	ug/L	ND	100	100	77.0	70.8	77	71	17-100	8	
Acenaphthylene	ug/L	ND	100	100	74.7	69.0	75	69	21-100	8	
Acetophenone	ug/L	ND	100	100	65.9	56.4	66	56	50-150	16	
Anthracene	ug/L	ND	100	100	86.0	85.7	86	86	24-109	0	
Benzo(a)anthracene	ug/L	ND	100	100	91.5	92.3	91	92	22-117	1	
Benzo(a)pyrene	ug/L	ND	100	100	95.2	97.0	95	97	23-104	2	
Benzo(b)fluoranthene	ug/L	ND	100	100	94.9	94.9	95	95	23-103	0	
Benzo(g,h,i)perylene	ug/L	ND	100	100	87.9	90.5	88	91	18-111	3	
Benzo(k)fluoranthene	ug/L	ND	100	100	88.7	90.5	89	90	22-113	2	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 876368 876369

Parameter	Units	92139188004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzyl alcohol	ug/L	ND	200	200	126	111	63	55	19-101	13	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	74.9	63.9	75	64	22-110	16	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	69.0	55.3	69	55	16-110	22	
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	64.9	52.7	65	53	14-110	21	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	91.9	97.5	92	98	23-102	6	
Butylbenzylphthalate	ug/L	ND	100	100	94.6	97.9	95	98	25-110	3	
Chlorobenzilate	ug/L	ND	100	100	102	102	102	102	50-150	0	
Chrysene	ug/L	ND	100	100	87.7	88.5	88	89	23-115	1	
Di-n-butylphthalate	ug/L	ND	100	100	82.1	82.7	82	83	26-110	1	
Di-n-octylphthalate	ug/L	ND	100	100	79.3	83.5	79	83	22-110	5	
Diallate	ug/L	ND	100	100	91.5	88.7	92	89	50-150	3	
Dibenz(a,h)anthracene	ug/L	ND	100	100	86.7	89.8	87	90	21-112	4	
Dibenzofuran	ug/L	ND	100	100	79.8	74.4	80	74	19-102	7	
Diethylphthalate	ug/L	ND	100	100	80.0	76.6	80	77	29-110	4	
Dimethoate	ug/L	ND	100	100	81.1	83.9	81	84	50-150	3	
Dimethylphthalate	ug/L	ND	100	100	76.6	75.2	77	75	27-110	2	
Diphenylamine	ug/L	ND	100	100	81.0	80.9	81	81	50-150	0	
Disulfoton	ug/L	ND	100	100	102	100	102	100	50-150	2	
Ethyl methanesulfonate	ug/L	ND	100	100	75.6	62.5	76	63	50-150	19	
Famphur	ug/L	ND	200	200	204	217	102	108	50-150	6	
Fluoranthene	ug/L	ND	100	100	92.8	92.5	93	93	23-112	0	
Fluorene	ug/L	ND	100	100	81.6	77.9	82	78	22-104	5	
Hexachlorobenzene	ug/L	ND	100	100	78.2	75.9	78	76	21-116	3	
Hexachlorocyclopentadiene	ug/L	ND	100	100	74.7	67.8	75	68	10-110	10	
Hexachloroethane	ug/L	ND	100	100	55.3	47.8	55	48	10-110	15	
Hexachlorophene	ug/L	ND	1000	1000	706	692	71	69	50-150	2	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	90.5	93.8	91	94	20-113	4	
Isodrin	ug/L	ND	100	100	99.0	95.6	99	96	50-150	4	
Isophorone	ug/L	ND	100	100	47.2	41.1	47	41	50-150	14	M0,M1
Isosafrole	ug/L	ND	100	100	74.0	67.2	74	67	50-150	10	
Kepone	ug/L	ND	200	200	99.4	127	50	63	50-150	24	
Methapyrilene	ug/L	ND	100	100	21.8J	ND	22	3	50-150		M0,M1
Methyl methanesulfonate	ug/L	ND	100	100	71.8	61.3	72	61	50-150	16	
Methyl parathion	ug/L	ND	100	100	94.1	92.1	94	92	50-150	2	
N-Nitroso-di-n-butylamine	ug/L	ND	100	100	74.1	66.3	74	66	50-150	11	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	70.0	58.0	70	58	21-105	19	
N-Nitrosodiethylamine	ug/L	ND	100	100	68.9	55.8	69	56	50-150	21	
N-Nitrosodimethylamine	ug/L	ND	100	100	53.1	48.2	53	48	10-110	9	
N-Nitrosodiphenylamine	ug/L	ND	100	100	81.0	80.9	81	81	23-107	0	
N-Nitrosomethylethylamine	ug/L	ND	100	100	71.9	57.6	72	58	50-150	22	
N-Nitrosopiperidine	ug/L	ND	100	100	83.6	71.4	84	71	50-150	16	
N-Nitrosopyrrolidine	ug/L	ND	100	100	76.5	61.5	76	62	50-150	22	
Nitrobenzene	ug/L	ND	100	100	45.5	39.6	46	40	20-110	14	
O,O,O-Triethylphosphorothioate	ug/L	ND	100	100	61.5	52.0	62	52	50-150	17	
O-Toluidine	ug/L	ND	100	100	67.5	53.8	67	54	50-150	23	
P-Dimethylaminoazobenzene	ug/L	ND	200	200	101	100	51	50	50-150	1	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 876368 876369

Parameter	Units	92139188004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
p-Phenylenediamine	ug/L	ND	100	100	114	102	114	102	50-150	11	
Parathion (Ethyl parathion)	ug/L	ND	100	100	87.1	86.5	87	87	50-150	1	
Pentachlorobenzene	ug/L	ND	100	100	75.7	69.6	76	70	50-150	8	
Pentachloronitrobenzene	ug/L	ND	100	100	91.4	89.5	91	90	50-150	2	
Pentachlorophenol	ug/L	ND	500	500	187	185	37	37	10-118	1	
Phenacetin	ug/L	ND	100	100	105	101	105	101	50-150	4	
Phenanthrene	ug/L	ND	100	100	82.8	82.8	83	83	24-106	0	
Phenol	ug/L	ND	100	100	38.6	36.6	39	37	12-110	5	
Phorate	ug/L	ND	100	100	97.8	94.6	98	95	50-150	3	
Pronamide	ug/L	ND	100	100	117	115	117	115	50-150	2	
Pyrene	ug/L	ND	100	100	91.4	93.0	91	93	24-114	2	
Safrole	ug/L	ND	100	100	72.5	61.5	73	62	50-150	16	
Thionazin	ug/L	ND	100	100	98.7	91.8	99	92	50-150	7	
2,4,6-Tribromophenol (S)	%						78	75	27-110		
2-Fluorobiphenyl (S)	%						67	58	27-110		
2-Fluorophenol (S)	%						43	38	12-110		
Nitrobenzene-d5 (S)	%						57	46	21-110		
Phenol-d6 (S)	%						31	29	10-110		
Terphenyl-d14 (S)	%						85	90	31-107		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: OEXT/19846 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 878352 | Matrix: Water
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	12/03/12 16:50	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	12/03/12 16:50	
1,3-Dinitrobenzene	ug/L	ND	20.0	12/03/12 16:50	
1,4-Naphthoquinone	ug/L	ND	5.0	12/03/12 16:50	
1-Naphthalenamine	ug/L	ND	5.0	12/03/12 16:50	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2,4,5-Trichlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2,4-Dichlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2,4-Dimethylphenol	ug/L	ND	10.0	12/03/12 16:50	
2,4-Dinitrophenol	ug/L	ND	50.0	12/03/12 16:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	12/03/12 16:50	
2,6-Dichlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	12/03/12 16:50	
2-Acetylaminofluorene	ug/L	ND	20.0	12/03/12 16:50	
2-Chloronaphthalene	ug/L	ND	10.0	12/03/12 16:50	
2-Chlorophenol	ug/L	ND	10.0	12/03/12 16:50	
2-Methylnaphthalene	ug/L	ND	10.0	12/03/12 16:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/03/12 16:50	
2-Naphthalenamine	ug/L	ND	5.0	12/03/12 16:50	
2-Nitroaniline	ug/L	ND	50.0	12/03/12 16:50	
2-Nitrophenol	ug/L	ND	10.0	12/03/12 16:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	12/03/12 16:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	12/03/12 16:50	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	12/03/12 16:50	
3-Methylcholanthrene	ug/L	ND	10.0	12/03/12 16:50	
3-Nitroaniline	ug/L	ND	50.0	12/03/12 16:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	12/03/12 16:50	
4-Aminobiphenyl	ug/L	ND	10.0	12/03/12 16:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	12/03/12 16:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	12/03/12 16:50	
4-Chloroaniline	ug/L	ND	20.0	12/03/12 16:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	12/03/12 16:50	
4-Nitroaniline	ug/L	ND	20.0	12/03/12 16:50	
4-Nitrophenol	ug/L	ND	50.0	12/03/12 16:50	
5-Nitro-o-toluidine	ug/L	ND	10.0	12/03/12 16:50	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	12/03/12 16:50	
Acenaphthene	ug/L	ND	10.0	12/03/12 16:50	
Acenaphthylene	ug/L	ND	10.0	12/03/12 16:50	
Acetophenone	ug/L	ND	10.0	12/03/12 16:50	
Anthracene	ug/L	ND	10.0	12/03/12 16:50	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 878352 Matrix: Water

Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	10.0	12/03/12 16:50	
Benzo(a)pyrene	ug/L	ND	10.0	12/03/12 16:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	12/03/12 16:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	12/03/12 16:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	12/03/12 16:50	
Benzyl alcohol	ug/L	ND	20.0	12/03/12 16:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	12/03/12 16:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	12/03/12 16:50	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	12/03/12 16:50	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	12/03/12 16:50	
Butylbenzylphthalate	ug/L	ND	10.0	12/03/12 16:50	
Chlorobenzilate	ug/L	ND	10.0	12/03/12 16:50	
Chrysene	ug/L	ND	10.0	12/03/12 16:50	
Di-n-butylphthalate	ug/L	ND	10.0	12/03/12 16:50	
Di-n-octylphthalate	ug/L	ND	10.0	12/03/12 16:50	
Diallate	ug/L	ND	10.0	12/03/12 16:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	12/03/12 16:50	
Dibenzofuran	ug/L	ND	10.0	12/03/12 16:50	
Diethylphthalate	ug/L	ND	10.0	12/03/12 16:50	
Dimethoate	ug/L	ND	10.0	12/03/12 16:50	
Dimethylphthalate	ug/L	ND	10.0	12/03/12 16:50	
Diphenylamine	ug/L	ND	10.0	12/03/12 16:50	
Disulfoton	ug/L	ND	10.0	12/03/12 16:50	
Ethyl methanesulfonate	ug/L	ND	20.0	12/03/12 16:50	
Famphur	ug/L	ND	10.0	12/03/12 16:50	
Fluoranthene	ug/L	ND	10.0	12/03/12 16:50	
Fluorene	ug/L	ND	10.0	12/03/12 16:50	
Hexachlorobenzene	ug/L	ND	10.0	12/03/12 16:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	12/03/12 16:50	
Hexachloroethane	ug/L	ND	10.0	12/03/12 16:50	
Hexachlorophene	ug/L	ND	100	12/03/12 16:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	12/03/12 16:50	
Isodrin	ug/L	ND	20.0	12/03/12 16:50	
Isophorone	ug/L	ND	10.0	12/03/12 16:50	
Isosafrole	ug/L	ND	10.0	12/03/12 16:50	
Kepone	ug/L	ND	10.0	12/03/12 16:50	
Methapyrilene	ug/L	ND	50.0	12/03/12 16:50	
Methyl methanesulfonate	ug/L	ND	5.0	12/03/12 16:50	
Methyl parathion	ug/L	ND	10.0	12/03/12 16:50	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	12/03/12 16:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	12/03/12 16:50	
N-Nitrosodiethylamine	ug/L	ND	20.0	12/03/12 16:50	
N-Nitrosodimethylamine	ug/L	ND	10.0	12/03/12 16:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	12/03/12 16:50	
N-Nitrosomethylethylamine	ug/L	ND	10.0	12/03/12 16:50	
N-Nitrosopiperidine	ug/L	ND	20.0	12/03/12 16:50	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

METHOD BLANK: 878352 Matrix: Water

Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitrosopyrrolidine	ug/L	ND	10.0	12/03/12 16:50	
Nitrobenzene	ug/L	ND	10.0	12/03/12 16:50	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	12/03/12 16:50	
O-Toluidine	ug/L	ND	10.0	12/03/12 16:50	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	12/03/12 16:50	
p-Phenylenediamine	ug/L	ND	10.0	12/03/12 16:50	
Parathion (Ethyl parathion)	ug/L	ND	10.0	12/03/12 16:50	
Pentachlorobenzene	ug/L	ND	10.0	12/03/12 16:50	
Pentachloronitrobenzene	ug/L	ND	20.0	12/03/12 16:50	
Pentachlorophenol	ug/L	ND	25.0	12/03/12 16:50	
Phenacetin	ug/L	ND	20.0	12/03/12 16:50	
Phenanthrene	ug/L	ND	10.0	12/03/12 16:50	
Phenol	ug/L	ND	10.0	12/03/12 16:50	
Phorate	ug/L	ND	10.0	12/03/12 16:50	
Pronamide	ug/L	ND	10.0	12/03/12 16:50	
Pyrene	ug/L	ND	10.0	12/03/12 16:50	
Safrole	ug/L	ND	10.0	12/03/12 16:50	
Thionazin	ug/L	ND	20.0	12/03/12 16:50	
2,4,6-Tribromophenol (S)	%	61	27-110	12/03/12 16:50	
2-Fluorobiphenyl (S)	%	69	27-110	12/03/12 16:50	
2-Fluorophenol (S)	%	34	12-110	12/03/12 16:50	
Nitrobenzene-d5 (S)	%	70	21-110	12/03/12 16:50	
Phenol-d6 (S)	%	20	10-110	12/03/12 16:50	
Terphenyl-d14 (S)	%	108	31-107	12/03/12 16:50	S0

LABORATORY CONTROL SAMPLE: 878353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	34.8	70	17-115	
1,3,5-Trinitrobenzene	ug/L	50	51.6	103	17-115	
1,3-Dinitrobenzene	ug/L	50	46.6	93	17-115	
1,4-Naphthoquinone	ug/L	50	36.7	73	17-115	
1-Naphthalenamine	ug/L	50	30.1	60	17-115	
2,3,4,6-Tetrachlorophenol	ug/L	50	86.7	173	17-115	L3
2,4,5-Trichlorophenol	ug/L	50	41.7	83	23-116	
2,4,6-Trichlorophenol	ug/L	50	38.9	78	21-114	
2,4-Dichlorophenol	ug/L	50	28.1	56	22-120	
2,4-Dimethylphenol	ug/L	50	26.1	52	15-109	
2,4-Dinitrophenol	ug/L	250	110	44	10-103	
2,4-Dinitrotoluene	ug/L	50	37.8	76	24-119	
2,6-Dichlorophenol	ug/L	50	47.6	95	17-115	
2,6-Dinitrotoluene	ug/L	50	37.8	76	25-116	
2-Acetylaminofluorene	ug/L	50	41.7	83	17-115	
2-Chloronaphthalene	ug/L	50	44.1	88	18-110	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 878353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/L	50	32.4	65	10-104	
2-Methylnaphthalene	ug/L	50	29.0	58	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	28.8	58	13-110	
2-Naphthalenamine	ug/L	50	32.2	64	17-115	
2-Nitroaniline	ug/L	100	86.1	86	20-117	
2-Nitrophenol	ug/L	50	30.5	61	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	24.7	49	14-110	
3,3'-Dichlorobenzidine	ug/L	250	86.4	35	13-131	
3,3'-Dimethylbenzidine	ug/L	100	60.6	61	17-115	
3-Methylcholanthrene	ug/L	50	49.2	98	17-115	
3-Nitroaniline	ug/L	100	81.6	82	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	85.7	86	13-119	
4-Aminobiphenyl	ug/L	50	28.3	57	17-115	
4-Bromophenylphenyl ether	ug/L	50	45.1	90	23-120	
4-Chloro-3-methylphenol	ug/L	100	61.6	62	21-119	
4-Chloroaniline	ug/L	100	54.9	55	10-122	
4-Chlorophenylphenyl ether	ug/L	50	44.6	89	22-112	
4-Nitroaniline	ug/L	100	79.8	80	14-118	
4-Nitrophenol	ug/L	250	77.4	31	10-110	
5-Nitro-o-toluidine	ug/L	50	49.1	98	17-115	
7,12-Dimethylbenz(a)anthracene	ug/L	50	42.9	86	50-150	
Acenaphthene	ug/L	50	40.9	82	20-105	
Acenaphthylene	ug/L	50	39.2	78	23-106	
Acetophenone	ug/L	50	36.5	73	17-115	
Anthracene	ug/L	50	44.3	89	25-120	
Benzo(a)anthracene	ug/L	50	47.2	94	21-128	
Benzo(a)pyrene	ug/L	50	50.0	100	25-116	
Benzo(b)fluoranthene	ug/L	50	47.9	96	23-117	
Benzo(g,h,i)perylene	ug/L	50	44.1	88	17-128	
Benzo(k)fluoranthene	ug/L	50	47.2	94	25-127	
Benzyl alcohol	ug/L	100	60.1	60	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	41.4	83	19-107	
bis(2-Chloroethyl) ether	ug/L	50	39.2	78	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	37.4	75	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	49.6	99	16-123	
Butylbenzylphthalate	ug/L	50	50.2	100	20-118	
Chlorobenzilate	ug/L	50	57.2	114	17-115	
Chrysene	ug/L	50	44.8	90	24-125	
Di-n-butylphthalate	ug/L	50	41.4	83	23-115	
Di-n-octylphthalate	ug/L	50	40.1	80	20-115	
Diallate	ug/L	50	50.5	101	17-115	
Dibenz(a,h)anthracene	ug/L	50	44.1	88	18-131	
Dibenzofuran	ug/L	50	41.4	83	23-106	
Diethylphthalate	ug/L	50	39.8	80	24-115	
Dimethoate	ug/L	50	36.6	73	17-115	
Dimethylphthalate	ug/L	50	39.1	78	22-113	
Diphenylamine	ug/L	50	43.0	86	17-115	
Disulfoton	ug/L	50	53.3	107	17-115	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

LABORATORY CONTROL SAMPLE: 878353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethyl methanesulfonate	ug/L	50	40.9	82	17-115	
Famphur	ug/L	100	90.4	90	17-115	
Fluoranthene	ug/L	50	45.6	91	24-125	
Fluorene	ug/L	50	42.7	85	24-114	
Hexachlorobenzene	ug/L	50	45.7	91	22-127	
Hexachlorocyclopentadiene	ug/L	50	41.2	82	10-110	
Hexachloroethane	ug/L	50	33.5	67	10-110	
Hexachlorophene	ug/L	500	139	28	17-115	
Indeno(1,2,3-cd)pyrene	ug/L	50	45.1	90	18-130	
Isodrin	ug/L	50	52.9	106	17-115	
Isophorone	ug/L	50	26.4	53	23-114	
Isosafrole	ug/L	50	39.5	79	17-115	
Kepone	ug/L	100	39.4	39	17-115	
Methapyrilene	ug/L	50	32.1J	64	17-115	
Methyl methanesulfonate	ug/L	50	33.9	68	17-115	
Methyl parathion	ug/L	50	45.6	91	17-115	
N-Nitroso-di-n-butylamine	ug/L	50	38.5	77	17-115	
N-Nitroso-di-n-propylamine	ug/L	50	38.5	77	21-114	
N-Nitrosodiethylamine	ug/L	50	36.8	74	17-115	
N-Nitrosodimethylamine	ug/L	50	24.0	48	10-110	
N-Nitrosodiphenylamine	ug/L	50	43.0	86	24-123	
N-Nitrosomethylethylamine	ug/L	50	36.1	72	17-115	
N-Nitrosopiperidine	ug/L	50	45.7	91	17-115	
N-Nitrosopyrrolidine	ug/L	50	37.7	75	17-115	
Nitrobenzene	ug/L	50	25.7	51	16-106	
O,O,O-Triethylphosphorothioate	ug/L	50	34.9	70	17-115	
O-Toluidine	ug/L	50	34.3	69	17-115	
P-Dimethylaminoazobenzene	ug/L	100	56.8	57	17-115	
p-Phenylenediamine	ug/L	50	49.5	99	17-115	
Parathion (Ethyl parathion)	ug/L	50	43.2	86	17-115	
Pentachlorobenzene	ug/L	50	41.2	82	17-115	
Pentachloronitrobenzene	ug/L	50	48.7	97	17-115	
Pentachlorophenol	ug/L	250	76.0	30	10-123	
Phenacetin	ug/L	50	49.2	98	17-115	
Phenanthrene	ug/L	50	42.8	86	25-119	
Phenol	ug/L	50	17.3	35	10-110	
Phorate	ug/L	50	51.6	103	17-115	
Pronamide	ug/L	50	59.9	120	17-115	L3
Pyrene	ug/L	50	53.0	106	22-127	
Safrole	ug/L	50	40.2	80	17-115	
Thionazin	ug/L	50	51.1	102	17-115	
2,4,6-Tribromophenol (S)	%			81	27-110	
2-Fluorobiphenyl (S)	%			72	27-110	
2-Fluorophenol (S)	%			38	12-110	
Nitrobenzene-d5 (S)	%			58	21-110	
Phenol-d6 (S)	%			26	10-110	
Terphenyl-d14 (S)	%			107	31-107	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 878354 878355

Parameter	Units	92139188013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4,5-Tetrachlorobenzene	ug/L	ND	100	100	70.0	93.0	70	93	50-150	28	
1,3,5-Trinitrobenzene	ug/L	ND	100	100	102	110	102	110	50-150	7	
1,3-Dinitrobenzene	ug/L	ND	100	100	98.4	105	98	105	50-150	6	
1,4-Naphthoquinone	ug/L	ND	100	100	76.7	92.8	77	93	50-150	19	
1-Naphthalenamine	ug/L	ND	100	100	71.4	69.6	71	70	50-150	2	
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	192	209	192	209	50-150	8	M0
2,4,5-Trichlorophenol	ug/L	ND	100	100	85.8	102	86	102	19-105	17	
2,4,6-Trichlorophenol	ug/L	ND	100	100	77.4	97.6	77	98	13-108	23	
2,4-Dichlorophenol	ug/L	ND	100	100	62.1	70.1	62	70	29-111	12	
2,4-Dimethylphenol	ug/L	ND	100	100	62.2	69.4	62	69	21-103	11	
2,4-Dinitrophenol	ug/L	ND	500	500	440	490	88	98	10-109	11	
2,4-Dinitrotoluene	ug/L	ND	100	100	79.8	86.4	80	86	27-104	8	
2,6-Dichlorophenol	ug/L	ND	100	100	101	110	101	110	50-150	9	
2,6-Dinitrotoluene	ug/L	ND	100	100	76.1	87.5	76	87	28-101	14	
2-Acetylaminofluorene	ug/L	ND	100	100	107	93.0	107	93	50-150	14	
2-Chloronaphthalene	ug/L	ND	100	100	85.6	114	86	114	14-102	28	M0,M1
2-Chlorophenol	ug/L	ND	100	100	67.6	85.7	68	86	16-110	24	
2-Methylnaphthalene	ug/L	ND	100	100	62.5	70.7	62	71	13-110	12	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	62.7	80.6	63	81	19-110	25	
2-Naphthalenamine	ug/L	ND	100	100	78.4	70.9	78	71	50-150	10	
2-Nitroaniline	ug/L	ND	200	200	185	214	93	107	26-103	14	M0,M1
2-Nitrophenol	ug/L	ND	100	100	66.3	77.0	66	77	20-110	15	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	55.8	71.7	56	72	20-110	25	
3,3'-Dichlorobenzidine	ug/L	ND	500	500	186	183	37	37	25-112	2	
3,3'-Dimethylbenzidine	ug/L	ND	200	200	100	76.8	50	38	50-150	26	M0,M1
3-Methylcholanthrene	ug/L	ND	100	100	103	98.3	103	98	50-150	5	
3-Nitroaniline	ug/L	ND	200	200	180	196	90	98	29-110	9	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	192	215	96	108	10-117	11	
4-Aminobiphenyl	ug/L	ND	100	100	65.5	62.4	66	62	50-150	5	
4-Bromophenylphenyl ether	ug/L	ND	100	100	85.5	98.0	86	98	20-105	14	
4-Chloro-3-methylphenol	ug/L	ND	200	200	140	141	70	71	22-110	0	
4-Chloroaniline	ug/L	ND	200	200	121	128	60	64	20-100	6	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	88.2	104	88	104	19-102	16	M0,M1
4-Nitroaniline	ug/L	ND	200	200	202	213	101	106	29-110	5	
4-Nitrophenol	ug/L	ND	500	500	284	328	57	66	10-110	15	
5-Nitro-o-toluidine	ug/L	ND	100	100	110	115	110	115	50-150	5	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	100	100	84.9	94.0	85	94	50-150	10	
Acenaphthene	ug/L	ND	100	100	80.5	100	81	100	17-100	22	
Acenaphthylene	ug/L	ND	100	100	77.4	95.7	77	96	21-100	21	
Acetophenone	ug/L	ND	100	100	68.8	85.8	69	86	50-150	22	
Anthracene	ug/L	ND	100	100	88.9	98.2	89	98	24-109	10	
Benzo(a)anthracene	ug/L	ND	100	100	94.5	101	94	101	22-117	7	
Benzo(a)pyrene	ug/L	ND	100	100	95.7	99.4	96	99	23-104	4	
Benzo(b)fluoranthene	ug/L	ND	100	100	90.8	98.0	91	98	23-103	8	
Benzo(g,h,i)perylene	ug/L	ND	100	100	90.1	90.4	90	90	18-111	0	
Benzo(k)fluoranthene	ug/L	ND	100	100	88.5	92.9	88	93	22-113	5	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 878354 878355

Parameter	Units	92139188013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzyl alcohol	ug/L	ND	200	200	131	169	66	84	19-101	25	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	87.0	98.9	87	99	22-110	13	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	75.0	94.7	75	95	16-110	23	
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	70.8	88.7	71	89	14-110	22	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	93.5	106	94	106	23-102	12	M0,M1
Butylbenzylphthalate	ug/L	ND	100	100	93.6	105	94	105	25-110	11	
Chlorobenzilate	ug/L	ND	100	100	105	117	105	117	50-150	11	
Chrysene	ug/L	ND	100	100	88.6	95.3	89	95	23-115	7	
Di-n-butylphthalate	ug/L	ND	100	100	85.4	91.3	85	91	26-110	7	
Di-n-octylphthalate	ug/L	ND	100	100	94.2	86.4	94	86	22-110	9	
Diallate	ug/L	ND	100	100	95.6	105	96	105	50-150	10	
Dibenz(a,h)anthracene	ug/L	ND	100	100	92.1	91.4	92	91	21-112	1	
Dibenzofuran	ug/L	ND	100	100	80.9	98.2	81	98	19-102	19	
Diethylphthalate	ug/L	ND	100	100	81.0	87.2	81	87	29-110	7	
Dimethoate	ug/L	ND	100	100	86.4	91.0	86	91	50-150	5	
Dimethylphthalate	ug/L	ND	100	100	78.8	87.6	79	88	27-110	11	
Diphenylamine	ug/L	ND	100	100	84.2	94.5	84	94	50-150	12	
Disulfoton	ug/L	ND	100	100	108	116	108	116	50-150	7	
Ethyl methanesulfonate	ug/L	ND	100	100	81.6	98.5	82	99	50-150	19	
Famphur	ug/L	ND	200	200	165	187	82	93	50-150	13	
Fluoranthene	ug/L	ND	100	100	100	105	100	105	23-112	4	
Fluorene	ug/L	ND	100	100	87.3	99.9	87	100	22-104	13	
Hexachlorobenzene	ug/L	ND	100	100	88.1	97.9	88	98	21-116	11	
Hexachlorocyclopentadiene	ug/L	ND	100	100	87.8	133	88	133	10-110	41	M0,M1,R1
Hexachloroethane	ug/L	ND	100	100	65.1	90.4	65	90	10-110	33	R1
Hexachlorophene	ug/L	ND	1000	1000	710	633	71	63	50-150	11	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	93.3	92.8	93	93	20-113	0	
Isodrin	ug/L	ND	100	100	106	112	106	112	50-150	6	
Isophorone	ug/L	ND	100	100	54.8	61.7	55	62	50-150	12	
Isosafrole	ug/L	ND	100	100	78.1	98.2	78	98	50-150	23	
Kepone	ug/L	ND	200	200	79.5	74.0	40	37	50-150	7	M0,M1
Methapyrilene	ug/L	ND	100	100	55.3J	24.5J	55	25	50-150		M0,M1
Methyl methanesulfonate	ug/L	ND	100	100	76.1	95.2	76	95	50-150	22	
Methyl parathion	ug/L	ND	100	100	97.8	102	98	102	50-150	4	
N-Nitroso-di-n-butylamine	ug/L	ND	100	100	83.8	85.4	84	85	50-150	2	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	72.5	88.8	73	89	21-105	20	
N-Nitrosodiethylamine	ug/L	ND	100	100	73.2	87.9	73	88	50-150	18	
N-Nitrosodimethylamine	ug/L	ND	100	100	57.5	75.9	58	76	10-110	28	
N-Nitrosodiphenylamine	ug/L	ND	100	100	84.2	94.5	84	94	23-107	12	
N-Nitrosomethylethylamine	ug/L	ND	100	100	75.1	92.8	75	93	50-150	21	
N-Nitrosopiperidine	ug/L	ND	100	100	96.7	102	97	102	50-150	5	
N-Nitrosopyrrolidine	ug/L	ND	100	100	74.6	86.2	75	86	50-150	14	
Nitrobenzene	ug/L	ND	100	100	53.8	62.2	54	62	20-110	14	
O,O,O-Triethylphosphorothioate	ug/L	ND	100	100	72.7	78.5	73	79	50-150	8	
O-Toluidine	ug/L	ND	100	100	71.0	79.1	71	79	50-150	11	
P-Dimethylaminoazobenzene	ug/L	ND	200	200	104	116	52	58	50-150	11	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 878354 878355

Parameter	Units	92139188013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
p-Phenylenediamine	ug/L	ND	100	100	130	109	130	109	50-150	18	
Parathion (Ethyl parathion)	ug/L	ND	100	100	94.6	95.0	95	95	50-150	0	
Pentachlorobenzene	ug/L	ND	100	100	81.4	94.1	81	94	50-150	14	
Pentachloronitrobenzene	ug/L	ND	100	100	96.0	102	96	102	50-150	6	
Pentachlorophenol	ug/L	ND	500	500	192	209	38	42	10-118	8	
Phenacetin	ug/L	ND	100	100	110	116	110	116	50-150	5	
Phenanthrene	ug/L	ND	100	100	86.1	94.9	86	95	24-106	10	
Phenol	ug/L	ND	100	100	44.0	59.0	44	59	12-110	29	
Phorate	ug/L	ND	100	100	102	110	102	110	50-150	7	
Pronamide	ug/L	ND	100	100	125	131	125	131	50-150	4	
Pyrene	ug/L	ND	100	100	92.4	109	92	109	24-114	16	
Safrole	ug/L	ND	100	100	83.5	92.0	84	92	50-150	10	
Thionazin	ug/L	ND	100	100	104	109	104	109	50-150	4	
2,4,6-Tribromophenol (S)	%						86	92	27-110		
2-Fluorobiphenyl (S)	%						71	92	27-110		
2-Fluorophenol (S)	%						48	63	12-110		
Nitrobenzene-d5 (S)	%						66	72	21-110		
Phenol-d6 (S)	%						35	48	10-110		
Terphenyl-d14 (S)	%						74	85	31-107		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23213 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010

METHOD BLANK: 877017 | Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	5000	11/21/12 10:43	

LABORATORY CONTROL SAMPLE: 877018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	45800	92	90-110	

MATRIX SPIKE SAMPLE: 877020

Parameter	Units	92138737001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	13.6 mg/L	50000	59200	91	75-125	

MATRIX SPIKE SAMPLE: 877022

Parameter	Units	92139188002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	43900	50000	88600	89	75-125	

SAMPLE DUPLICATE: 877019

Parameter	Units	92138737001 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	13.6 mg/L	13600	0	

SAMPLE DUPLICATE: 877021

Parameter	Units	92139188002 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	43900	44600	2	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23246 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018

METHOD BLANK: 878523 | Matrix: Water
Associated Lab Samples: 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	5000	11/27/12 11:00	

LABORATORY CONTROL SAMPLE: 878524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	47900	96	90-110	

MATRIX SPIKE SAMPLE: 878526

Parameter	Units	92139276001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	51.1 mg/L	50000	96200	90	75-125	

MATRIX SPIKE SAMPLE: 878528

Parameter	Units	92139188015 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	44700	50000	90500	92	75-125	

SAMPLE DUPLICATE: 878525

Parameter	Units	92139276001 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	51.1 mg/L	51000	0	

SAMPLE DUPLICATE: 878527

Parameter	Units	92139188015 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	44700	45100	1	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23323
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92139188019

METHOD BLANK: 882417
Matrix: Water
Associated Lab Samples: 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	5000	12/03/12 12:03	

LABORATORY CONTROL SAMPLE: 882418

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	47400	95	90-110	

MATRIX SPIKE SAMPLE: 882420

Parameter	Units	92139664001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	177 mg/L	50000	198000	42	75-125	M1

MATRIX SPIKE SAMPLE: 882422

Parameter	Units	92139188019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	277000	50000	319000	84	75-125	

SAMPLE DUPLICATE: 882419

Parameter	Units	92139664001 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	177 mg/L	174000	2	

SAMPLE DUPLICATE: 882421

Parameter	Units	92139188019 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	277000	277000	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23223 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

METHOD BLANK: 877697 | Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	ug/L	ND	25000	11/21/12 18:16	

LABORATORY CONTROL SAMPLE: 877698

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	ug/L	250000	248000	99	80-120	

SAMPLE DUPLICATE: 877699

Parameter	Units	92138991001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	ug/L	129 mg/L	130000	1	

SAMPLE DUPLICATE: 877700

Parameter	Units	92139188002 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	ug/L	144000	138000	4	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23244 — Analysis Method: SM 2540C
QC Batch Method: SM 2540C — Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 878460 — Matrix: Water
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	ug/L	ND	25000	11/26/12 19:40	

LABORATORY CONTROL SAMPLE: 878461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	ug/L	250000	250000	100	80-120	

SAMPLE DUPLICATE: 878462

Parameter	Units	92139231001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	ug/L	61.0 mg/L	62000	2	

SAMPLE DUPLICATE: 878463

Parameter	Units	92139188015 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	ug/L	101000	101000	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23214 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

METHOD BLANK: 877060 Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	ug/L	ND	100	11/21/12 15:20	

LABORATORY CONTROL SAMPLE: 877061

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	ug/L	500	530	106	90-110	

MATRIX SPIKE SAMPLE: 877062

Parameter	Units	92139188002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	ug/L	106	500	604	100	75-125	

SAMPLE DUPLICATE: 877063

Parameter	Units	92139188002 Result	Dup Result	RPD	Qualifiers
Sulfide	ug/L	106	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WET/23248 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 878688 Matrix: Water
Associated Lab Samples: 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	ug/L	ND	100	11/27/12 17:15	

LABORATORY CONTROL SAMPLE: 878689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	ug/L	500	544	109	90-110	

MATRIX SPIKE SAMPLE: 878690

Parameter	Units	92139265002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	ug/L	ND	500	517	103	75-125	

SAMPLE DUPLICATE: 878691

Parameter	Units	92139265002 Result	Dup Result	RPD	Qualifiers
Sulfide	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13916 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018

METHOD BLANK: 883899 — Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	2000	12/05/12 19:22	

LABORATORY CONTROL SAMPLE: 883900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19200	96	90-110	

MATRIX SPIKE SAMPLE: 883901

Parameter	Units	92139188002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	9770	20000	31600	109	90-110	

MATRIX SPIKE SAMPLE: 883903

Parameter	Units	92139188009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	20600	97	90-110	

SAMPLE DUPLICATE: 883902

Parameter	Units	92139188002 Result	Dup Result	RPD	Qualifiers
Sulfate	ug/L	9770	9960	2	

SAMPLE DUPLICATE: 883904

Parameter	Units	92139188009 Result	Dup Result	RPD	Qualifiers
Sulfate	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13917
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92139188019

METHOD BLANK: 883906
Matrix: Water
Associated Lab Samples: 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	2000	12/06/12 02:36	

LABORATORY CONTROL SAMPLE: 883907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19700	99	90-110	

MATRIX SPIKE SAMPLE: 883908

Parameter	Units	92139188019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	79500	20000	186000	532	90-110	M6

MATRIX SPIKE SAMPLE: 883910

Parameter	Units	92140003011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	19000	95	90-110	

SAMPLE DUPLICATE: 883909

Parameter	Units	92139188019 Result	Dup Result	RPD	Qualifiers
Sulfate	ug/L	79500	87700	10	

SAMPLE DUPLICATE: 883911

Parameter	Units	92140003011 Result	Dup Result	RPD	Qualifiers
Sulfate	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13907 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 92139188002, 92139188003

METHOD BLANK: 883611 | Matrix: Water
Associated Lab Samples: 92139188002, 92139188003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	12/04/12 18:37	

LABORATORY CONTROL SAMPLE: 883612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	20100	101	90-110	

MATRIX SPIKE SAMPLE: 883613

Parameter	Units	92138553016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	67.8 mg/L	20000	95900	140	75-125	M6

SAMPLE DUPLICATE: 883614

Parameter	Units	92138553016 Result	Dup Result	RPD	Qualifiers
Chloride	ug/L	67.8 mg/L	68000	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13919 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011

METHOD BLANK: 884712 | Matrix: Water
Associated Lab Samples: 92139188004, 92139188005, 92139188006, 92139188007, 92139188008, 92139188009, 92139188010, 92139188011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	12/05/12 20:26	

LABORATORY CONTROL SAMPLE: 884713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	18800	94	90-110	

MATRIX SPIKE SAMPLE: 884714

Parameter	Units	92139188004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	12900	20000	33200	102	75-125	

SAMPLE DUPLICATE: 884715

Parameter	Units	92139188004 Result	Dup Result	RPD	Qualifiers
Chloride	ug/L	12900	12600	2	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13920 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 884716 | Matrix: Water
Associated Lab Samples: 92139188012, 92139188013, 92139188014, 92139188015, 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	12/05/12 20:44	

LABORATORY CONTROL SAMPLE: 884717

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	19800	99	90-110	

MATRIX SPIKE SAMPLE: 884718

Parameter	Units	92139188012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	3810	20000	23400	98	75-125	

SAMPLE DUPLICATE: 884719

Parameter	Units	92139188012 Result	Dup Result	RPD	Qualifiers
Chloride	ug/L	3810	3710	3	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13873 Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

METHOD BLANK: 881270 Matrix: Water
Associated Lab Samples: 92139188002, 92139188003, 92139188004, 92139188005, 92139188006, 92139188007, 92139188008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	ug/L	ND	5.0	11/30/12 11:49	

LABORATORY CONTROL SAMPLE: 881271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	100	112	112	80-120	

MATRIX SPIKE SAMPLE: 881272

Parameter	Units	92139448002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	ND	100	108	107	75-125	

SAMPLE DUPLICATE: 881273

Parameter	Units	92139448002 Result	Dup Result	RPD	Qualifiers
Cyanide	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13874 Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015

METHOD BLANK: 881274 Matrix: Water
Associated Lab Samples: 92139188009, 92139188010, 92139188011, 92139188012, 92139188013, 92139188014, 92139188015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	ug/L	ND	5.0	11/30/12 12:15	

LABORATORY CONTROL SAMPLE: 881275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	100	102	102	80-120	

MATRIX SPIKE SAMPLE: 881276

Parameter	Units	92139188009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	ND	100	127	126	75-125	M1

SAMPLE DUPLICATE: 881277

Parameter	Units	92139188009 Result	Dup Result	RPD	Qualifiers
Cyanide	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 92139188

QC Batch: WETA/13901 Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92139188016, 92139188017, 92139188018, 92139188019

METHOD BLANK: 882844 Matrix: Water
Associated Lab Samples: 92139188016, 92139188017, 92139188018, 92139188019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	ug/L	ND	5.0	12/05/12 14:39	

LABORATORY CONTROL SAMPLE: 882845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	100	108	108	80-120	

MATRIX SPIKE SAMPLE: 882846

Parameter	Units	92140067001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	ND	100	110	110	75-125	

SAMPLE DUPLICATE: 882847

Parameter	Units	92139188016 Result	Dup Result	RPD	Qualifiers
Cyanide	ug/L	ND	ND		

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QUALIFIERS

Project: OSR
Pace Project No.: 92139188

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach

BATCH QUALIFIERS

Batch: GCSV/7386

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

ANALYTE QUALIFIERS

F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188002	**3412-MW13**		FLD/		
92139188003	**3412-MW12**		FLD/		
92139188004	**3412-MW11**		FLD/		
92139188005	**3412-MW10**		FLD/		
92139188006	**3412-MW14**		FLD/		
92139188007	**3412-MW9**		FLD/		
92139188008	**3412-MW8**		FLD/		
92139188009	**3412-MW1R**		FLD/		
92139188010	**3412-MW5R**		FLD/		
92139188011	**3412-MW4R**		FLD/		
92139188012	**3412-MW7**		FLD/		
92139188013	**3412-MW3R**		FLD/		
92139188014	**3412-SW1**		FLD/		
92139188015	**3412-SW2**		FLD/		
92139188016	**3412-SW4**		FLD/		
92139188017	**3412-MW15**		FLD/		
92139188018	**3412-SW3**		FLD/		
92139188019	**3412-MW2R**		FLD/		
92139188002	**3412-MW13**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188003	**3412-MW12**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188004	**3412-MW11**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188005	**3412-MW10**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188006	**3412-MW14**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188007	**3412-MW9**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188008	**3412-MW8**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188009	**3412-MW1R**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188010	**3412-MW5R**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188011	**3412-MW4R**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188012	**3412-MW7**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188013	**3412-MW3R**	EPA 3510	OEXT/19807	EPA 8081	GCSV/13407
92139188014	**3412-SW1**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188015	**3412-SW2**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188016	**3412-SW4**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188017	**3412-MW15**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188018	**3412-SW3**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188019	**3412-MW2R**	EPA 3510	OEXT/19844	EPA 8081	GCSV/13418
92139188002	**3412-MW13**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188003	**3412-MW12**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188004	**3412-MW11**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188005	**3412-MW10**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188006	**3412-MW14**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188007	**3412-MW9**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188008	**3412-MW8**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188009	**3412-MW1R**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188010	**3412-MW5R**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188011	**3412-MW4R**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188012	**3412-MW7**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188013	**3412-MW3R**	EPA 3510	OEXT/19808	EPA 8082	GCSV/13392
92139188014	**3412-SW1**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188015	**3412-SW2**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188016	**3412-SW4**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188017	**3412-MW15**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188018	**3412-SW3**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188019	**3412-MW2R**	EPA 3510	OEXT/19845	EPA 8082	GCSV/13420
92139188002	**3412-MW13**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188003	**3412-MW12**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188004	**3412-MW11**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188005	**3412-MW10**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188006	**3412-MW14**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188007	**3412-MW9**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188008	**3412-MW8**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188009	**3412-MW1R**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188010	**3412-MW5R**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188011	**3412-MW4R**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188012	**3412-MW7**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188013	**3412-MW3R**	EPA 8151	OEXT/10710	EPA 8151	GCSV/7377
92139188014	**3412-SW1**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188015	**3412-SW2**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188016	**3412-SW4**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188017	**3412-MW15**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188018	**3412-SW3**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188019	**3412-MW2R**	EPA 8151	OEXT/10729	EPA 8151	GCSV/7386
92139188002	**3412-MW13**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188003	**3412-MW12**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188004	**3412-MW11**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188005	**3412-MW10**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188006	**3412-MW14**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188007	**3412-MW9**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188008	**3412-MW8**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188009	**3412-MW1R**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188010	**3412-MW5R**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188011	**3412-MW4R**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188012	**3412-MW7**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188013	**3412-MW3R**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188014	**3412-SW1**	EPA 3010	MPRP/12055	EPA 6010	ICP/11030
92139188015	**3412-SW2**	EPA 3010	MPRP/12115	EPA 6010	ICP/11077
92139188016	**3412-SW4**	EPA 3010	MPRP/12115	EPA 6010	ICP/11077
92139188017	**3412-MW15**	EPA 3010	MPRP/12115	EPA 6010	ICP/11077
92139188018	**3412-SW3**	EPA 3010	MPRP/12115	EPA 6010	ICP/11077
92139188019	**3412-MW2R**	EPA 3010	MPRP/12115	EPA 6010	ICP/11077
92139188002	**3412-MW13**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188003	**3412-MW12**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188004	**3412-MW11**	EPA 7470	MERP/4713	EPA 7470	MERC/4611

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188005	**3412-MW10**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188006	**3412-MW14**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188007	**3412-MW9**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188008	**3412-MW8**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188009	**3412-MW1R**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188010	**3412-MW5R**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188011	**3412-MW4R**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188012	**3412-MW7**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188013	**3412-MW3R**	EPA 7470	MERP/4713	EPA 7470	MERC/4611
92139188014	**3412-SW1**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188015	**3412-SW2**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188016	**3412-SW4**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188017	**3412-MW15**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188018	**3412-SW3**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188019	**3412-MW2R**	EPA 7470	MERP/4714	EPA 7470	MERC/4612
92139188002	**3412-MW13**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188003	**3412-MW12**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188004	**3412-MW11**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188005	**3412-MW10**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188006	**3412-MW14**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188007	**3412-MW9**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188008	**3412-MW8**	EPA 3510	OEXT/19803	EPA 8270	MSSV/7044
92139188009	**3412-MW1R**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188010	**3412-MW5R**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188011	**3412-MW4R**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188012	**3412-MW7**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188013	**3412-MW3R**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188014	**3412-SW1**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188015	**3412-SW2**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188016	**3412-SW4**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188017	**3412-MW15**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188018	**3412-SW3**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188019	**3412-MW2R**	EPA 3510	OEXT/19846	EPA 8270	MSSV/7042
92139188001	**3412-FIELD BLANK**	EPA 8260	MSV/21170		
92139188002	**3412-MW13**	EPA 8260	MSV/21170		
92139188003	**3412-MW12**	EPA 8260	MSV/21170		
92139188004	**3412-MW11**	EPA 8260	MSV/21170		
92139188005	**3412-MW10**	EPA 8260	MSV/21170		
92139188006	**3412-MW14**	EPA 8260	MSV/21170		
92139188007	**3412-MW9**	EPA 8260	MSV/21170		
92139188008	**3412-MW8**	EPA 8260	MSV/21170		
92139188009	**3412-MW1R**	EPA 8260	MSV/21170		
92139188010	**3412-MW5R**	EPA 8260	MSV/21170		
92139188011	**3412-MW4R**	EPA 8260	MSV/21170		
92139188012	**3412-MW7**	EPA 8260	MSV/21170		
92139188013	**3412-MW3R**	EPA 8260	MSV/21170		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188014	**3412-SW1**	EPA 8260	MSV/21191		
92139188015	**3412-SW2**	EPA 8260	MSV/21191		
92139188016	**3412-SW4**	EPA 8260	MSV/21191		
92139188017	**3412-MW15**	EPA 8260	MSV/21191		
92139188018	**3412-SW3**	EPA 8260	MSV/21191		
92139188019	**3412-MW2R**	EPA 8260	MSV/21191		
92139188020	**3412-TRIP BLANK**	EPA 8260	MSV/21191		
92139188002	**3412-MW13**	SM 2320B	WET/23213		
92139188003	**3412-MW12**	SM 2320B	WET/23213		
92139188004	**3412-MW11**	SM 2320B	WET/23213		
92139188005	**3412-MW10**	SM 2320B	WET/23213		
92139188006	**3412-MW14**	SM 2320B	WET/23213		
92139188007	**3412-MW9**	SM 2320B	WET/23213		
92139188008	**3412-MW8**	SM 2320B	WET/23213		
92139188009	**3412-MW1R**	SM 2320B	WET/23213		
92139188010	**3412-MW5R**	SM 2320B	WET/23213		
92139188011	**3412-MW4R**	SM 2320B	WET/23246		
92139188012	**3412-MW7**	SM 2320B	WET/23246		
92139188013	**3412-MW3R**	SM 2320B	WET/23246		
92139188014	**3412-SW1**	SM 2320B	WET/23246		
92139188015	**3412-SW2**	SM 2320B	WET/23246		
92139188016	**3412-SW4**	SM 2320B	WET/23246		
92139188017	**3412-MW15**	SM 2320B	WET/23246		
92139188018	**3412-SW3**	SM 2320B	WET/23246		
92139188019	**3412-MW2R**	SM 2320B	WET/23323		
92139188002	**3412-MW13**	SM 2540C	WET/23223		
92139188003	**3412-MW12**	SM 2540C	WET/23223		
92139188004	**3412-MW11**	SM 2540C	WET/23223		
92139188005	**3412-MW10**	SM 2540C	WET/23223		
92139188006	**3412-MW14**	SM 2540C	WET/23223		
92139188007	**3412-MW9**	SM 2540C	WET/23223		
92139188008	**3412-MW8**	SM 2540C	WET/23223		
92139188009	**3412-MW1R**	SM 2540C	WET/23244		
92139188010	**3412-MW5R**	SM 2540C	WET/23244		
92139188011	**3412-MW4R**	SM 2540C	WET/23244		
92139188012	**3412-MW7**	SM 2540C	WET/23244		
92139188013	**3412-MW3R**	SM 2540C	WET/23244		
92139188014	**3412-SW1**	SM 2540C	WET/23244		
92139188015	**3412-SW2**	SM 2540C	WET/23244		
92139188016	**3412-SW4**	SM 2540C	WET/23244		
92139188017	**3412-MW15**	SM 2540C	WET/23244		
92139188018	**3412-SW3**	SM 2540C	WET/23244		
92139188019	**3412-MW2R**	SM 2540C	WET/23244		
92139188002	**3412-MW13**	SM 4500-S2D	WET/23214		
92139188003	**3412-MW12**	SM 4500-S2D	WET/23214		
92139188004	**3412-MW11**	SM 4500-S2D	WET/23214		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188005	**3412-MW10**	SM 4500-S2D	WET/23214		
92139188006	**3412-MW14**	SM 4500-S2D	WET/23214		
92139188007	**3412-MW9**	SM 4500-S2D	WET/23214		
92139188008	**3412-MW8**	SM 4500-S2D	WET/23214		
92139188009	**3412-MW1R**	SM 4500-S2D	WET/23214		
92139188010	**3412-MW5R**	SM 4500-S2D	WET/23214		
92139188011	**3412-MW4R**	SM 4500-S2D	WET/23214		
92139188012	**3412-MW7**	SM 4500-S2D	WET/23214		
92139188013	**3412-MW3R**	SM 4500-S2D	WET/23214		
92139188014	**3412-SW1**	SM 4500-S2D	WET/23248		
92139188015	**3412-SW2**	SM 4500-S2D	WET/23248		
92139188016	**3412-SW4**	SM 4500-S2D	WET/23248		
92139188017	**3412-MW15**	SM 4500-S2D	WET/23248		
92139188018	**3412-SW3**	SM 4500-S2D	WET/23248		
92139188019	**3412-MW2R**	SM 4500-S2D	WET/23248		
92139188002	**3412-MW13**	EPA 300.0	WETA/13916		
92139188003	**3412-MW12**	EPA 300.0	WETA/13916		
92139188004	**3412-MW11**	EPA 300.0	WETA/13916		
92139188005	**3412-MW10**	EPA 300.0	WETA/13916		
92139188006	**3412-MW14**	EPA 300.0	WETA/13916		
92139188007	**3412-MW9**	EPA 300.0	WETA/13916		
92139188008	**3412-MW8**	EPA 300.0	WETA/13916		
92139188009	**3412-MW1R**	EPA 300.0	WETA/13916		
92139188010	**3412-MW5R**	EPA 300.0	WETA/13916		
92139188011	**3412-MW4R**	EPA 300.0	WETA/13916		
92139188012	**3412-MW7**	EPA 300.0	WETA/13916		
92139188013	**3412-MW3R**	EPA 300.0	WETA/13916		
92139188014	**3412-SW1**	EPA 300.0	WETA/13916		
92139188015	**3412-SW2**	EPA 300.0	WETA/13916		
92139188016	**3412-SW4**	EPA 300.0	WETA/13916		
92139188017	**3412-MW15**	EPA 300.0	WETA/13916		
92139188018	**3412-SW3**	EPA 300.0	WETA/13916		
92139188019	**3412-MW2R**	EPA 300.0	WETA/13917		
92139188002	**3412-MW13**	SM 4500-Cl-E	WETA/13907		
92139188003	**3412-MW12**	SM 4500-Cl-E	WETA/13907		
92139188004	**3412-MW11**	SM 4500-Cl-E	WETA/13919		
92139188005	**3412-MW10**	SM 4500-Cl-E	WETA/13919		
92139188006	**3412-MW14**	SM 4500-Cl-E	WETA/13919		
92139188007	**3412-MW9**	SM 4500-Cl-E	WETA/13919		
92139188008	**3412-MW8**	SM 4500-Cl-E	WETA/13919		
92139188009	**3412-MW1R**	SM 4500-Cl-E	WETA/13919		
92139188010	**3412-MW5R**	SM 4500-Cl-E	WETA/13919		
92139188011	**3412-MW4R**	SM 4500-Cl-E	WETA/13919		
92139188012	**3412-MW7**	SM 4500-Cl-E	WETA/13920		
92139188013	**3412-MW3R**	SM 4500-Cl-E	WETA/13920		
92139188014	**3412-SW1**	SM 4500-Cl-E	WETA/13920		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OSR
Pace Project No.: 92139188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92139188015	**3412-SW2**	SM 4500-Cl-E	WETA/13920		
92139188016	**3412-SW4**	SM 4500-Cl-E	WETA/13920		
92139188017	**3412-MW15**	SM 4500-Cl-E	WETA/13920		
92139188018	**3412-SW3**	SM 4500-Cl-E	WETA/13920		
92139188019	**3412-MW2R**	SM 4500-Cl-E	WETA/13920		
92139188002	**3412-MW13**	SM 4500-CN-E	WETA/13873		
92139188003	**3412-MW12**	SM 4500-CN-E	WETA/13873		
92139188004	**3412-MW11**	SM 4500-CN-E	WETA/13873		
92139188005	**3412-MW10**	SM 4500-CN-E	WETA/13873		
92139188006	**3412-MW14**	SM 4500-CN-E	WETA/13873		
92139188007	**3412-MW9**	SM 4500-CN-E	WETA/13873		
92139188008	**3412-MW8**	SM 4500-CN-E	WETA/13873		
92139188009	**3412-MW1R**	SM 4500-CN-E	WETA/13874		
92139188010	**3412-MW5R**	SM 4500-CN-E	WETA/13874		
92139188011	**3412-MW4R**	SM 4500-CN-E	WETA/13874		
92139188012	**3412-MW7**	SM 4500-CN-E	WETA/13874		
92139188013	**3412-MW3R**	SM 4500-CN-E	WETA/13874		
92139188014	**3412-SW1**	SM 4500-CN-E	WETA/13874		
92139188015	**3412-SW2**	SM 4500-CN-E	WETA/13874		
92139188016	**3412-SW4**	SM 4500-CN-E	WETA/13901		
92139188017	**3412-MW15**	SM 4500-CN-E	WETA/13901		
92139188018	**3412-SW3**	SM 4500-CN-E	WETA/13901		
92139188019	**3412-MW2R**	SM 4500-CN-E	WETA/13901		

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Location Winston-Salem, NC Date 11/19/12

Project / Client OSR / HDR

Water Level round NB# 092012

Well ID		Depth to H_2O (Ft)	TIME (HR)
MW-3R	No water detected	~~22.56~~ 22.68 ~~55~~ ~~x~~ Probe hitting pump	07:39
MW-7		38.69	07:45
MW-4R		9.58	07:53
MW-5R		11.37	08:04
MW-1R		36.09	08:20
MW-2R		8.88	08:41
MW-15		39.95	08:47
MW-13		9.37	08:58
MW-12		5.35	09:05
MW-11		4.49	09:10
MW-10		12.57	09:17
MW-14		52.35	09:22
MW-9		52.77	09:30
MW-8		18.78	09:53

Location Winston-Salem, NC Date 11/19/12

Project / Client OSR / HDR

methane readings NB# 092012

ID	CH_4 %	CO_2 %	O_2 %	BAL %	TIME (HR)
MW-1R	00.0	00.0	20.6	79.4	0817
MW-2R	00.0	00.1	20.7	79.2	0835
MW-1	00.0	4.8	16.7	78.5	0826
MW-15	00.0	00.0	20.7	79.3	0846
MW-13	00.0	00.5	20.4	79.1	0855

BP = 29.32 in Hg meter weather channel BP = 30.34 in

START Temp = 12.8°C

END Temp = 17.5°C

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-1R

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): NIA

Well Information

Well ID: MW-1R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 60 ft. Multi. Factor*: _____ {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 36.15 ft. Casing Volume: _____ gallons
Height of Water Col.: _____ ft. Cal. 3 Volumes: _____ gallons

Purge Information

Date Purged: 11/20/12 Time Start: 12:56 Finish: _____ Purge Rate: 400mls/min
Purging Method: QED Micropurge Total Volume Purged: _____ gallons

Sampling Information

Date Sample Collected: 11/20/12 Time Sample Collected: 1330 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010/7470
2-250ml / 1-500ml	NONE	TDS / Chloride Alk / sulfate
3-1-Liter amber	NONE	8081/8082/8270/8151
1-125ml	Zn acetate / NaOH	sulfide

Field Measurements/Observations

Sample Temp. (°C): 16.0 Time: 13:30
Sample pH (s.u.): 5.7 Time: 13:30
Specific Cond. (uS): 100 Time: 13:30
ReDox (mV): 236 Time: 13:30
Odor: NONE
Turbidity (ntu): 1.0 Time: 13:30
Dis. Oxy. (mg/L): 5.5 Time: 13:30
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-1R micropurge method Refill = 20sec PTS = 5 sec
Weather Conditions: 60°F winds light & variable partly cloudy
Sampler Signature: J Walter Date: 11/20/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals~~) mls	Other
12:59	5.9	95	163	1.0	8.6	16.0	1200	—
13:02	5.7	99	223	1.0	6.7	16.0	2400	—
13:05	5.7	100	226	1.0	5.9	16.0	3600	—
13:08	5.7	101	232	1.0	5.7	15.9	4800	—
13:11	5.7	100	236	1.0	5.5	16.0	6000	—

Pace Analytical

MW-2R

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston - Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-2R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 21 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 8.90 ft. Casing Volume: 2.0 gallons
Height of Water Col.: 12.1 ft. Cal. 3 Volumes: 6.0 gallons

Purge Information
Date Purged: 11/21/12 Time Start: 7:42 Finish: 0806 Purge Rate: 200 ml/min
Purging Method: QED method micropurge Total Volume Purged: 1.3 ~~0850~~ gallons

Sampling Information
Date Sample Collected: 11/21/12 Time Sample Collected: 0850 (am) pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40 mL VOA	HCL	8260
1-250ml	HNO_3	6010 / 7470
1-500 ml / 2-250 mL	NONE	TDS / Chloride Alk / Sulfate
8-liter Amber	NONE	8270 / 8081 / 8082 / 8151
1-125mL	Zn acet. NaOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 14.0 Time: 0850
Sample pH (s.u.): 5.8 Time: 0850
Specific Cond. (uS): 842 Time: 0850
ReDox (mV): 77 Time: 0850
Odor: None
Turbidity (ntu): 1.0 Time: 0850
Dis. Oxy. (mg/L): 1.5 Time: 0850
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-2R micropurge method 10 sec Refill 5 sec DIS
Weather Conditions: 40°F WINDS 5 to 10 mph partly cloudy
Sampler Signature: [signature] Date: 11/21/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ ml/s	Other
7:45	5.8	758	60	1.0	5.0	13.8	600	—
7:48	5.8	787	70	1.0	2.9	14.6	1200	—
7:51	5.8	798	77	1.0	2.2	14.8	1800	—
7:54	5.8	803	75	1.0	1.8	14.7	2400	—
7:57	5.8	829	81	1.0	1.6	14.5	3000	—

Client: HDR
Location: Winston-Salem, NC
Project: OSR (11-21-12)
Well ID: MW-2R

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
0800	5.8	841	77	1.0	1.5	14.1	3600
0803	5.8	845	77	1.0	1.4	13.9	4200
0806	5.8	843	77	1.0	1.5	13.9	4800

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-3R

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-3R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 27 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: *22.68 ft. Casing Volume: 0.7 gallons
Height of Water Col.: 4.32 ft. Cal. 3 Volumes: 2.1 gallons

Purge Information
Date Purged: 11/20/12 Time Start: 07:57 Finish: 0815 Purge Rate: 400ml/min
Purging Method: QED micropurge Total Volume Purged: 1.9 gallons

Sampling Information
Date Sample Collected: 11/20/12 Time Sample Collected: 08:35 (am) pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	TCN
3-40ml VOA	HCl	8260
1-250ml	HNO_3	6010/7470
1-500ml / 2-250ml	NONE	TDS / Chloride Alk / Sulfate
8-liter Amber	NONE	8270/8081/8022/8151
1-125ml	Zn Acetate / NaOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 15.2 Time: 08:35
Sample pH (s.u.): 5.6 Time: 08:35
Specific Cond. (uS): 283 Time: 08:35
ReDox (mV): 16 Time: 08:35
Odor: NONE
Turbidity (ntu): 25 Time: 08:35
Dis. Oxy. (mg/L): 1.2 Time: 08:35
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-3R micropurge method 20 sec Rdg 10 sec DIS
* 22.68 is depth to top of pump, not water detected. Water below pump
Weather Conditions: High 60°F WINDS light & variable cloudy

Sampler Signature: J Quattlebaum Date: 11/20/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (mls ~~gals.~~)	Other
0800	5.8	279	11	7	2.5	15.9	1200	—
0803	5.8	283	10	1	1.6	15.9	2400	—
0806	5.9	284	9	24	1.3	15.6	3600	—
0809	5.7	282	11	25	1.2	15.7	4800	—
0812	5.7	283	12	25	1.2	15.3	6000	—

Client: HDR

Location: Winston-Salem, NC

Project: OSR (11-20-12)

Well ID: MW-3R

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
08:15	5.6	283	16	25	1.2	15.3	7200

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-4R

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-4R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 9.68 ft. Casing Volume: 1.7 gallons
Height of Water Col.: 10.32 ft. Cal. 3 Volumes: 5.1 gallons

Purge Information

Date Purged: 11/20/12 Time Start: 10:27 Finish: 10:48 Purge Rate: 400ml/min
Purging Method: QED micropurge Total Volume Purged: 2.2 gallons

Sampling Information

Date Sample Collected: 11/20/12 Time Sample Collected: 11:10 (am) pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	T cyanide
3-40mL VOA	HCl	8260
1-250mL	HNO3	6010 / 7470
1-500mL / 2-250mL	NONE	TDS / chloride Alk / sulfate
8-Liter Amber	NONE	8270 / 8081 / 8082 / 8151
1-125mL	Zn acet / NaOH	sulfide

Field Measurements/Observations

Sample Temp. (°C): 13.3 Time: 11:10
Sample pH (s.u.): 5.7 Time: 11:10
Specific Cond. (uS): 655 Time: 11:10
ReDox (mV): 181 Time: 11:10
Odor: NONE
Turbidity (ntu): 14 Time: 11:10
Dis. Oxy. (mg/L): 2.3 Time: 11:10
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-4R micropurge method Refill = 10sec Dis = 5sec
Weather Conditions: 55°F winds light & variable cloudy
Sampler Signature: J Quathern Date: 11/20/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ml/s ~~(gals.)~~	Other
10:30	5.6	649	171	139	4.4	12.1	1200	—
10:33	5.6	618	184	107	3.5	12.3	2400	—
10:36	5.5	634	190	76	2.9	12.5	3600	—
10:39	5.7	646	180	26	2.4	13.0	4800	—
10:42	5.8	650	178	14	2.3	13.1	6000	—

Client: HDR

Location: Winston-Salem NC

Project: OSR (11-20-12)

Well ID: MW-4R

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
10:45	5.8	653	178	14	2.4	13.2	7200
10:48	5.8	655	179	14	2.2	13.3	8400

Pace Analytical

MW-5R

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-5R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 30 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 11.44 ft. Casing Volume: 3.0 gallons
Height of Water Col.: 18.56 ft. Cal. 3 Volumes: 9.0 gallons

Purge Information
Date Purged: 11/20/12 Time Start: 11:46 Finish: 12:04 Purge Rate: 400ml/min
Purging Method: QED micropurge Total Volume Purged: 1.9 gallons

Sampling Information
Date Sample Collected: 11/20/12 Time Sample Collected: 12:25 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010/7470
1-500ml 2-250mL	NONE	TDS/Chloride Alk/Sulfate
8-1-Liter Amber	NONE	8270/8081/8082/8151
1-125ml	Zn acet./NaOH	Sulfide

Field Measurements/Observations
Sample Temp. (°C): 15.9 Time: 12:25
Sample pH (s.u.): 5.8 Time: 12:25
Specific Cond. (uS): 175 Time: 12:25
ReDox (mV): 245 Time: 12:25
Odor: NONE
Turbidity (ntu): 14 Time: 12:25
Dis. Oxy. (mg/L): 6.4 Time: 12:25
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-5R micropurge method 10sec Refill 5sec Dis
Weather Conditions: 58F winds light & variable cloudy
Sampler Signature: J Quattrone Date: 11/20/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mL	Other
11:49	5.6	174	207	5	8.0	15.4	1200	—
11:52	5.8	176	210	12	7.5	15.6	2400	—
11:55	5.8	176	215	12	6.8	15.7	3600	—
11:58	5.7	177	229	14	6.5	15.7	4800	—
12:01	5.6	176	232	14	6.5	15.8	6000	—

Client: HDR

Location: Winston-Salem NC

Project: OSR (11-20-12)

Well ID: MW-5R

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
12:04	5.7	175	236	14	6.3	15.9	7200

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-7

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-7 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 48.0 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 38.80 ft. Casing Volume: 1.5 gallons
Height of Water Col.: 9.20 ft. Cal. 3 Volumes: 4.5 gallons

Purge Information
Date Purged: 11/20/12 Time Start: 0901 Finish: 09:25 Purge Rate: 400 ml/min
Purging Method: QED micropurge Total Volume Purged: 2.5 gallons

Sampling Information
Date Sample Collected: 11/20/12 Time Sample Collected: 0945 (am) pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	T. cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010/7470
1-500ml/2-250ml	NONE	TDS / Chloride Alk / Sulfate
8-Liter Amber	NONE	8070/8081/8082/8151

Field Measurements/Observations
Sample Temp. (°C): 14.5 Time: 09:45
Sample pH (s.u.): 5.4 Time: 09:45
Specific Cond. (uS): 147 Time: 09:45
ReDox (mV): 197 Time: 09:45
Odor: NONE
Turbidity (ntu): 7 Time: 09:45
Dis. Oxy. (mg/L): 1.8 Time: 09:45
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-7 Micropurge Method Refill = 10sec Dis = 5sec
Weather Conditions: 50F winds light & variable cloudy
Sampler Signature: [signature] Date: 11/20/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mls	Other
0904	5.4	146	86	1.0	4.0	13.5	1200	—
0907	5.2	142	145	4.0	3.2	14.0	2400	—
0910	5.3	143	160	7.0	2.0	14.4	3600	—
0913	5.3	144	178	7.0	1.8	14.5	4800	—
0916	5.4	145	186	7.0	1.8	14.5	6000	—

Client: HDR

Location: Winston-Salem NC

Project: OSR (11-2012)

Well ID: MW-7

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
09:19	5.4	145	191	7.0	1.8	14.5	7200
09:22	5.4	146	193	7.0	1.8	14.5	8400
09:25	5.4	146	195	7.0	1.8	14.5	9600

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-8

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJO - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-8 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 27 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 18.78 ft. Casing Volume: 1.3 gallons
Height of Water Col.: 8.22 ft. Cal. 3 Volumes: 3.9 gallons

Purge Information

Date Purged: 11/19/12 Time Start: 10:10 Finish: 10:25 Purge Rate: 300 ml/min
Purging Method: QED micropurge Total Volume Purged: 1.2 gallons

Sampling Information

Date Sample Collected: 11/19/12 Time Sample Collected: 10:45 (am) pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	T. cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO_3	6010 / 7470
8-liter Amber	NONE	8270 / 8081 / 8082 / 8151
1-500ml / 2-250ml	NONE	TDS / chloride nitrl sulfate
1-125ml	Zn acet. / NaOH	sulfide

Field Measurements/Observations

Sample Temp. (°C): 15.6 Time: 1045
Sample pH (s.u.): 5.7 Time: 1045
Specific Cond. (uS): 49 Time: 1045
ReDox (mV): 260 Time: 1045
Odor: NONE
Turbidity (ntu): 1.0 Time: 1045
Dis. Oxy. (mg/L): 9.8 Time: 1045
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: micropurge method 10 sec Refill 5 sec Dis.
Weather Conditions: 50F, WINDS 5 to 10 mph cloudy

Sampler Signature: J Qualter Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ mls 300)	Other —
10:13	5.6	48	236	1.0	11.1	15.6	900	—
10:16	5.7	48	243	1.0	9.8	15.7	1800	—
10:19	5.6	49	250	1.0	10.0	15.7	2700	—
10:22	5.6	49	256	1.0	10.0	15.4	3600	—
10:25	5.6	49	257	1.0	10.0	15.6	4500	—

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-9

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector):

Well Information

Well ID: MW-9 Well Locked: ~~yes~~ no
Well Diameter: 2" Construction: PVC Steel Stainless Steel
Total Well Depth: 60 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 52.76 ft. Casing Volume: 1.2 gallons
Height of Water Col.: 7.24 ft. Cal. 3 Volumes: 3.6 gallons

Purge Information

Date Purged: 11/19/12 Time Start: 11:10 Finish: 11:25 Purge Rate: 200ml/min
Purging Method: QED micropurge Total Volume Purged: 0.8 gallons

Sampling Information

Date Sample Collected: 11/19/12 Time Sample Collected: 1200 am pm
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010/7470
8-1 liter Amber	NONE	8270/8081/8082/8151
1-500ml/2-250ml	NONE	TDS/chloride Alk/sulfate
1-125ml	Zn Acetate/NaOH	sulfide

Field Measurements/Observations

Sample Temp. (°C): 16.0 Time: 1200
Sample pH (s.u.): 5.5 Time: 1200
Specific Cond. (uS): 134 Time: 1200
ReDox (mV): 352 Time: 1200
Odor: NONE
Turbidity (ntu): 1.0 Time: 1200
Dis. Oxy. (mg/L): 7.3 Time: 1200
Res. Cl (mg/L): — Time: —
Other: Time: —
Appearance: clear

General Observations: MW-9 micropurge method Refill = 10sec Dis = 5sec

Weather Conditions: 50°F WIND 5to10 cloudy

Sampler Signature: [signature] Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mls	Other
11:13	5.5	130	316	1.0	8.0	16.0	600	—
11:16	5.4	132	338	1.0	7.7	15.9	1200	—
11:19	5.4	134	346	1.0	7.4	15.9	1800	—
11:22	5.5	134	348	1.0	7.3	16.0	2400	—
11:25	5.5	134	349	1.0	7.3	16.0	3000	—

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-10

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-10 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 21.0 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 12.56 ft. Casing Volume: 1.4 gallons
Height of Water Col.: 8.44 ft. Cal. 3 Volumes: 4.2 gallons

Purge Information

Date Purged: 11/19/12 Time Start: 13:37 Finish: 13:55 Purge Rate: 200ml/min
Purging Method: QED micropurge Total Volume Purged: 1.0 gallons

Sampling Information

Date Sample Collected: 11/19/12 Time Sample Collected: 1420 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO_3	6010/7470
1-500ml / 2-250ml	NONE	TDS / chloride / Alk / sulfate
8-Liter Amber	NONE	8081/8082/8270/8151
1-125ml	Zn acet. / NaOH	Sulfide

Field Measurements/Observations

Sample Temp. (°C): 16.3 Time: 1420
Sample pH (s.u.): 5.0 Time: 1420
Specific Cond. (uS): 63 Time: 1420
ReDox (mV): 366 Time: 1420
Odor: NONE
Turbidity (ntu): 1.0 Time: 1420
Dis. Oxy. (mg/L): 4.4 Time: 1420
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-10 micropurge method 10 sec Refill 5 sec Dis
Weather Conditions: 58F 5 to 10mph winds cloudy

Sampler Signature: J Quattlebaum Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mls	Other
1340	5.6	65	310	1.0	7.9	16.2	600	—
1343	5.4	64	321	1.0	7.4	16.3	1200	—
1346	5.4	64	337	1.0	5.6	16.3	1800	—
1349	5.0	63	361	1.0	4.6	16.3	2400	—
1352	5.0	63	365	1.0	4.4	16.3	3000	—

Client: HDR

Location: Winston - Salem NC

Project: OSR (11-19-12)

Well ID: MW-10

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
1355	5.0	63	365	1.0	4.4	16.3	3600

Pace Analytical

MW-11

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-11 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 4.45 ft. Casing Volume: _____ gallons
Height of Water Col.: _____ ft. Cal. 3 Volumes: _____ gallons

Purge Information
Date Purged: 11/19/12 Time Start: 14:32 Finish: 14:56 Purge Rate: 400ml/min
Purging Method: QED micropurge Total Volume Purged: 2.5 gallons

Sampling Information
Date Sample Collected: 11/19/12 Time Sample Collected: 15:15 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	T. cyanide
3-40ml VOA	HCL	8260
1-250ml	HNO_3	6010/7470
1-500ml / 2-250ml	NONE	TDS / Chloride Alk Sulfate
8-1-Liter Amber	NONE	8270/8081/8082/8151
1-125ml	Zn acetate / NAOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 16.0 Time: 15:15
Sample pH (s.u.): 6.1 Time: 15:15
Specific Cond. (uS): 354 Time: 15:15
ReDox (mV): -61 Time: 15:15
Odor: ~~NONE~~ sulfurous
Turbidity (ntu): 25 Time: 15:15
Dis. Oxy. (mg/L): 0.9 Time: 15:15
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: MW-11 micropurge method Refill = 10sec Dis. = 5sec
Weather Conditions: 58F° 5to10mph winds cloudy

Sampler Signature: J Walker Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mls	Other
1435	5.7	277	-1	46	2.7	16.1	1200	—
1438	6.0	310	-39	338	1.6	16.1	2400	—
1441	6.1	323	-50	210	1.3	16.0	3600	—
1444	6.1	337	-53	136	1.2	16.0	4800	—
1447	6.0	345	-55	70	1.0	16.0	6000	—

Client: HDR

Location: Winston-Salem, NC

Project: OSR (11-14-12)

Well ID: MW-11

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
14:50	6.1	351	-60	25	0.9	16.0	7200
14:53	6.1	354	-61	25	0.9	16.0	8400
14:56	6.1	354	-61	24	0.9	16.0	9600

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-12

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJG - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-12 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 15.58 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 5.36 ft. Casing Volume: 1.7 gallons
Height of Water Col.: 10.22 ft. Cal. 3 Volumes: 5.1 gallons

Purge Information

Date Purged: 11/19/12 Time Start: 15:52 Finish: 16:07 Purge Rate: 400 ml/min
Purging Method: QED Micropurge Total Volume Purged: 1.6 gallons

Sampling Information

Date Sample Collected: 11/19/12 Time Sample Collected: 1620 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125mL	NaOH	Cyanide
3-40mL VOA	HCl	8260
1-250mL	HNO_3	6010/7470
1-500mL / 2-250mL	NONE	TDS/chloride MK/ sulfate
8-Liter Amber	NONE	8270/8081/8082/8151
1-125mL	Zn acetate / NaOH	sulfide

Field Measurements/Observations

Sample Temp. (°C): 16.1 Time: 16:20
Sample pH (s.u.): 5.9 Time: 16:20
Specific Cond. (uS): 158 Time: 16:20
ReDox (mV): 150 Time: 16:20
Odor: NONE

Turbidity (ntu): 1.0 Time: 16:20
Dis. Oxy. (mg/L): 3.0 Time: 16:20
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear

General Observations: MW-12 Micropurge method Refill = 10sec Dis = 5sec

Weather Conditions: 58F winds 5 to 10 mph cloudy

Sampler Signature: J Quelle Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume ml's Removed (~~gals.~~)	Other
15:55	6.1	160	87	1.0	4.9	15.9	1200	—
15:58	6.1	158	97	1.0	3.5	16.0	2400	—
16:01	5.9	158	149	1.0	3.3	15.8	3600	—
16:04	6.0	157	150	1.0	3.1	16.0	4800	—
16:07	5.9	158	151	1.0	3.0	16.1	6000	—

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-13

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-13 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20 ft. Multi. Factor*: _____ {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 9.34 ft. Casing Volume: _____ gallons
Height of Water Col.: _____ ft. Cal. 3 Volumes: _____ gallons

Purge Information
Date Purged: 11/19/12 Time Start: 16:39 Finish: 16:54 Purge Rate: 400ml/min
Purging Method: QED micropurge Total Volume Purged: 1.6 gallons

Sampling Information
Date Sample Collected: 11/19/12 Time Sample Collected: 17:15 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010/7470
1-500ml / 2-250ml	NONE	TDS/chloride/NH3/sulfate
8-liter amber	NONE	8270/8081/8082/8151
1-125ml	Zn acetate/NaOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 15.8 Time: 17:15
Sample pH (s.u.): 5.5 Time: 17:15
Specific Cond. (uS): 136 Time: 17:15
ReDox (mV): 246 Time: 17:15
Odor: NONE
Turbidity (ntu): 605 Time: 17:15
Dis. Oxy. (mg/L): 2.3 Time: 17:15
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: turbid
General Observations: MW-13 micropurge method 10 sec Refill 5 sec DIS
Weather Conditions: 55°F winds 5 to 10 mph cloudy
Sampler Signature: [signature] Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mls	Other
16:42	5.5	136	223	587	3.2	15.9	1200	—
16:45	5.5	136	224	600	2.8	15.9	2400	—
16:48	5.5	136	235	610	2.4	15.9	3600	—
16:51	5.5	136	241	607	2.3	15.8	4800	—
16:54	5.5	136	244	600	2.3	15.8	6000	—

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

MW-14

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-14 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 60 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 52.33 ft. Casing Volume: 1.2 gallons
Height of Water Col.: 7.67 ft. Cal. 3 Volumes: 3.6 gallons

Purge Information

Date Purged: 11/19/12 Time Start: 1213 Finish: 12:28 Purge Rate: 200ml/min
Purging Method: QED micropurge Total Volume Purged: 0.8 gallons

Sampling Information

Date Sample Collected: 11/19/12 Time Sample Collected: 1250 am (pm)
Sampling Equipment Used: QED micropurge

Bottle Type	Preservation	Analysis Required
1-125ml	NaOH	T. Cyanide
3-40ml VOA	HCl	8260
1-250ml	HNO3	6010 / 7470
1-500ml / 2-250ml	NONE	TDS / Chloride HIK / sulfate
8-Liter Amber	NONE	8270 / 8081 / 8082 / 8151
1-125ml	Zn acetate / NaOH	Sulfide

Field Measurements/Observations

Sample Temp. (°C): 15.8 Time: 12:50
Sample pH (s.u.): 5.5 Time: 12:50
Specific Cond. (uS): 137 Time: 12:50
ReDox (mV): 365 Time: 12:50
Odor: NONE
Turbidity (ntu): 329 Time: 12:50
Dis. Oxy. (mg/L): 6.4 Time: 12:50
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: cloudy
General Observations: MW-14 micropurge method 10 sec Refill 5 sec Refill

Weather Conditions: 55°F WIND 10 to 15 mph cloudy

Sampler Signature: [signature] Date: 11/19/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume ~~(gals.)~~ mls Removed	Other
1216	5.7	125	346	543	7.3	16.3	600	—
1219	5.6	138	357	472	6.8	15.9	1200	—
1222	5.6	140	360	340	6.7	15.8	1800	—
1225	5.6	139	364	330	6.6	15.8	2400	—
1228	5.5	137	368	340	6.6	15.8	3000	—

Pace Analytical

MW-15

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)):
Name & Affiliation (Inspector):

Well Information
Well ID: MW-15 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 50.85 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 39.96 ft. Casing Volume: 1.8 gallons
Height of Water Col.: 10.89 ft. Cal. 3 Volumes: 5.4 gallons

Purge Information
Date Purged: 11/21/12 Time Start: 10:12 Finish: 10:46 Purge Rate: N/A
Purging Method: Bailer Total Volume Purged: 10.0 gallons

Sampling Information
Date Sample Collected: 11/21/12 Time Sample Collected: 11:00 (am) pm
Sampling Equipment Used: Bailer

Bottle Type	Preservation	Analysis Required
1-125mL	NaOH	Tl cyanide
3-40mL VOA	HCL	8260
1-250mL	HNO3	6010/7470
1-500mL/2-250mL	NONE	TDS/ chloride MK/ sulfate
8-Liter ambers	NONE	8270/ 8081/ 8082/ 8151
1-125mL	Zn acetate / NAOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 15.5 Time: 11:00
Sample pH (s.u.): 6.5 Time: 11:00
Specific Cond. (uS): 434 Time: 11:00
ReDox (mV): 160 Time: 11:00
Odor: NONE
Turbidity (ntu): 456 Time: 11:00
Dis. Oxy. (mg/L): 2.3 Time: 11:00
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: turbid.
General Observations: MW-15

Weather Conditions: 55°F WINDS 5 to 10 mph partly cloudy

Sampler Signature: [signature] Date: 11/21/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other
10:23	6.5	613	83	900	4.3	14.1	2.0	—
10:29	6.4	536	109	921	3.0	14.8	4.0	—
10:34	6.4	490	133	935	2.2	15.0	6.0	—
10:38	6.4	481	142	947	2.3	15.4	8.0	—
10:46	6.4	452	149	832	2.3	15.5	10.0	—

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

SW-1

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: SW-1 Well Locked: yes no
Well Diameter: — Construction: PVC Steel Stainless Steel
Total Well Depth: — ft. Multi. Factor*: — {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: — ft. Casing Volume: — gallons
Height of Water Col.: — ft. Cal. 3 Volumes: — gallons

Purge Information
Date Purged: —/—/— Time Start: — Finish: — Purge Rate: —
Purging Method: — Total Volume Purged: — gallons

Sampling Information
Date Sample Collected: 11/21/12 Time Sample Collected: 1305 am pm
Sampling Equipment Used: GRAB

Bottle Type	Preservation	Analysis Required
1-125mL	NAOH	T cyanide
3-40mL VOA	HCl	8260
1-250mL	HNO3	6010 / 7470
1-500mL / 2-250mL	NONE	TDS / chloride Alk / sulfate
8-liter amber	NONE	8270 / 8081 / 8082 / 8151
1-125mL	Zn acetate / NAOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 14.7 Time: 1305
Sample pH (s.u.): 6.1 Time: 1305
Specific Cond. (uS): 261 Time: 1305
ReDox (mV): -21 Time: 1305
Odor: sulfurous
Turbidity (ntu): 3 Time: 1305
Dis. Oxy. (mg/L): 8.7 Time: 1305
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: murky
General Observations: SW-1 surface H2O

Weather Conditions: 60°F WINDS 5 to 10 mph sunny

Sampler Signature: J Quathern Date: 11/21/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

Pace Analytical

SW-2

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJR - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: SW-2 Well Locked: yes no
Well Diameter: — Construction: PVC Steel Stainless Steel
Total Well Depth: — ft. Multi. Factor*: — {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: — ft. Casing Volume: — gallons
Height of Water Col.: — ft. Cal. 3 Volumes: — gallons

Purge Information

Date Purged: — / — / — Time Start: — Finish: — Purge Rate: —
Purging Method: — Total Volume Purged: — gallons

Sampling Information

Date Sample Collected: 11 / 21 / 12 Time Sample Collected: 12:15 am pm
Sampling Equipment Used: GRAB

Bottle Type	Preservation	Analysis Required
1-125mL	NAOH	T cyanide
3-40mL VOA	HCL	8260
1-250mL	HNO3	6010 / 7470
1-500mL / 2-250mL	NONE	TDS / chloride Alk / sulfate
8-liter Amber	NONE	8270 / 8021 / 8082 / 8151
1-125mL	Zn Acetate / NAOH	Sulfide

Field Measurements/Observations

Sample Temp. (°C): 12.7 Time: 12:15
Sample pH (s.u.): 6.7 Time: 12:15
Specific Cond. (uS): 135 Time: 12:15
ReDox (mV): -21 Time: 12:15
Odor: NONE

Turbidity (ntu): 1.0 Time: 12:15
Dis. Oxy. (mg/L): 6.7 Time: 12:15
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear

General Observations: SW-2 SURFACE H2O

Weather Conditions: 60°F WINDS 5-7 10 mph · sunny

Sampler Signature: J. Quatheri Date: 11 / 21 / 12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

SW-3

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJO - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: SW-3 Well Locked: yes no
Well Diameter: — Construction: PVC Steel Stainless Steel
Total Well Depth: — ft. Multi. Factor*: — {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: — ft. Casing Volume: — gallons
Height of Water Col.: — ft. Cal. 3 Volumes: — gallons

Purge Information
Date Purged: / / Time Start: — Finish: — Purge Rate: —
Purging Method: — Total Volume Purged: — gallons

Sampling Information
Date Sample Collected: 11 / 21 / 12 Time Sample Collected: 0935 am pm
Sampling Equipment Used: grab

Bottle Type	Preservation	Analysis Required
1-125mL	NaOH	T cyanide
3-40mL VOA	HCl	8260
1-250mL	HNO3	6010/7470
1-500mL / 2-250mL	NONE	TDS / Chloride Alk / Sulfate
8-liter Amber	NONE	8270/8081/8082/8151
1-125mL	Zn acetate / NaOH	Sulfide

Field Measurements/Observations
Sample Temp. (°C): 10.0 Time: 0935
Sample pH (s.u.): 6.2 Time: 0935
Specific Cond. (uS): 700 Time: 0935
ReDox (mV): -26 Time: 0935
Odor: musty
Turbidity (ntu): 14 Time: 0935
Dis. Oxy. (mg/L): 2.1 mg/L Time: 0935
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: biological sheen
General Observations: SW-3 surface H2O

Weather Conditions: 50°F WINDS 5 to 10 mph partly cloudy

Sampler Signature: [signature] Date: 11 / 21 / 12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

SW-4

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJD - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: SW-4 Well Locked: yes no
Well Diameter: — Construction: PVC Steel Stainless Steel
Total Well Depth: — ft. Multi. Factor*: — {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: — ft. Casing Volume: — gallons
Height of Water Col.: — ft. Cal. 3 Volumes: — gallons

Purge Information
Date Purged: — Time Start: — Finish: — Purge Rate: —
Purging Method: — Total Volume Purged: — gallons

Sampling Information
Date Sample Collected: 11/21/12 Time Sample Collected: 1130 (am) pm
Sampling Equipment Used: grab

Bottle Type	Preservation	Analysis Required
1-125mL	NaOH	T. cyanide
3-40mL VOA	HCL	8260
1-250mL	HNO3	6010 / 7470
1-500mL / 2-250mL	NONE	TDS / chloride / nitr / sulfate
8-Liter Amber	NONE	8270 / 8081 / 8082 / 8151
1-125mL	Zn acetate / NaOH	sulfide

Field Measurements/Observations
Sample Temp. (°C): 12.4 Time: 11:30
Sample pH (s.u.): 6.8 Time: 11:30
Specific Cond. (uS): 523 Time: 11:30
ReDox (mV): 83 ~~100~~ Time: 11:30
Odor: NONE
Turbidity (ntu): 92 Time: 11:30
Dis. Oxy. (mg/L): 6.7 Time: 11:30
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: murky
General Observations: SW-4 surface H2O

Weather Conditions: 60°F winds 5to10mph sunny

Sampler Signature: J Weather Date: 11/21/12

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

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CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:

Company: HDR
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Eric Wright
Copy To:
Purchase Order No.:
Project Name: OSR
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: K. Godwin
Pace Profile #: 2588-5

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Zn acet NaOH	Analysis Test (Y/N)	8260 App 2 VOC	6010/7470	TDS	Chloride/Alk	Sulfate	8270/8081	8082/8151	T. cyanide	sulfide				Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92139188
1	Field Blank	WT	–	–	–	11/19	725	–	3				3						X													001
2	MW-13	WT	–	–	–	11/19	1715	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					002
3	MW-12	WT	–	–	–	11/19	1620	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					003
4	MW-11	WT	–	–	–	11/19	1515	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					004
5	MW-10	WT	–	–	–	11/19	1420	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					005
6	MW-14	WT	–	–	–	11/19	1250	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					006
7	MW-9	WT	–	–	–	11/19	1200	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					007
8	MW-8	WT	–	–	–	11/19	1045	–	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X					008
9																																
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	J Quattrini / PACE	11/19/12	1930	Jmore Pace	11-20 11-19	1930	3.8	4	N	4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Quattrini

SIGNATURE of SAMPLER: J Quattrini

DATE Signed (MM/DD/YY): 11/19/12

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

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

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

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 31, 2012 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.08**	Issuing Authority: Pace Huntersville Quality Office

Client Name: HDR Project # 92139188

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

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

Optional
Proj. Due Date:
Proj. Name:

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

Thermometer Used: IR Gun T1101 T1102 **Type of Ice:** Wet Blue None ☐ Samples on ice, cooling process has begun

Temp Correction Factor T1101: No Correction T1102: No Correction

Corrected Cooler Temp.: 3.8 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: TM 11/19

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: JB **Date:** 11/20/12 **SRF Review:** AMB **Date:** 11/21/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:

Company:	HDR
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Eric Wright
Copy To:	
Purchase Order No.:	
Project Name:	OSR
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	K. Godwin
Pace Profile #:	

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Zn acet. NaOH	Analysis Test (Y/N)	8260	6010/7470	TDS	Chloride/Alk	Sulfate	8081/8082	8270/8151	Sulfide	T. cyanide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1R	WT	—	—	—	11/20	1330	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		009
2	MW-5R	WT	—	—	—	11/20	1225	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		010
3	MW-4R	WT	—	—	—	11/20	1110	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		011
4	MW-7	WT	—	—	—	11/20	0945	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		012
5	MW-3R	WT	—	—	—	11/20	0835	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		013
6																													
7																													
8																													
9																													
10																													
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	J. Qualtieri / PACE	11/20/12	17:05	J. Decal / Pace	11/20/12	17:05	5.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Qualtieri

SIGNATURE of SAMPLER: J. Qualtieri

DATE Signed (MM/DD/YY): 11/20/2012

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

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

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 31, 2012 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.08**	Issuing Authority: Pace Huntersville Quality Office

Client Name: HDR Project # 92139188

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

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

Optional
Proj. Due Date:
Proj. Name:

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

Thermometer Used: IR Gun T1101 **T1102** **Type of Ice:** Wet Blue None ☑ Samples on Ice, cooling process has begun

Temp Correction Factor **T1101**: No Correction **T1102**: No Correction

Corrected Cooler Temp.: 5.9 C **Biological Tissue is Frozen:** Yes No N/A

Date and Initials of person examining contents: TMP 11/20/12

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: VG **Date:** 11/20/12 **SRF Review:** AMB **Date:** 11/21/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:

Company: HDR
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Eric Wright
Copy To:
Purchase Order No.:
Project Name: OSR
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: K. Godwin
Pace Profile #:

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

Site Location STATE: NC

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other 2 Acet / NAOH	Analysis Test ↓ Y/N	8260	6010/7470	TDS	Chloride/Alk	Sulfate	8081/8082	8270/8151	Sulfide	T cyanide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92139188
1	Trip Blank	WT	—	—	—	11/19/12	—	—	2				2						X										020
2	SW-1	WT	—	—	—	11/21/12	1305	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		014
3	SW-2	WT	—	—	—	11/21	1215	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		015
4	SW-4	WT	—	—	—	11/21	1130	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		016
5	MW-15	WT	—	—	—	11/21	1100	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		017
6	SW-3	WT	—	—	—	11/21	0935	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		018
7	MW-2R	WT	—	—	—	11/21	0850	—	17	11		1	3	1			1		X	X	X	X	X	X	X	X	X		019
8																													
9																													
10																													
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] /PACE	11/22/21	15:50	[signature]	11/21/12	1530	2.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: J. Quattieri
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/21/2012

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

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

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

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 31, 2012 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.08**	Issuing Authority: Pace Huntersville Quality Office

Client Name: HDR Project # 92139188

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

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

Optional
Proj. Due Date:
Proj. Name:

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

Thermometer Used: IR Gun T1101 T1102 **Type of Ice:** Wet Blue None ☑ Samples on Ice, cooling process has begun

Temp Correction Factor **T1101**: No Correction **T1102**: No Correction

Corrected Cooler Temp.: 2.9 C **Biological Tissue is Frozen:** Yes No N/A

Date and Initials of person examining contents: JBB 11/21/12

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WS		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	initial when completed
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: VG **Date:** 11/21/12 **SRF Review:** BKM **Date:** 11/26/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)