



MANATEE COUNTY
FLORIDA

44795

GW
SW
LENAITE

July 20, 2010

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Southwest District Office, Solid Waste Section
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

ADAPT FILES and CD
FILED SEPARATELY

Re: Water Quality Monitoring Reports for Lena Road Landfill (39884-010-SO/01) and Erie Road Landfill (69686-002-SF),
First Half 2010

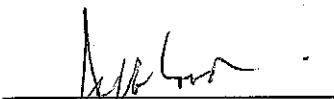
Dear Mr. Morris:

Please find enclosed the compact disc containing analytical reports, electronic data deliverables, and requisite supporting documents associated with sampling events conducted at the Lena and Erie Road Landfills in March 2010.

The disc includes a pdf entitled Comparison Report Sorted by Sample Id and Sample Date which serves as the summary of exceedances and recommendations as required by the *Guidance For Submitting Electronic Water Quality Data To The Solid Waste Program (April 7, 2009)*.

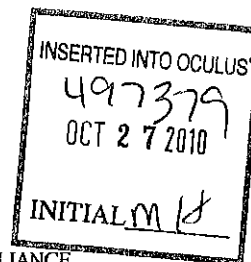
Please contact me at the number listed below should you require additional information or clarification regarding the enclosed reports.

Respectfully,


Jeff Goodwin, Supervisor

cc: Clark Moore, ESIII, FDEP
Mike Gore, Solid Waste Division Manager, MCUD

enclosures



Dept. Of Environmental Protection
JUL 23 2010
Southwest District

CENTRAL LABORATORY/INDUSTRIAL COMPLIANCE
4751 66th Street West, Bradenton, Florida 34210 • (941) 792-8811 ext. 5235 or (941) 795-3436 • Fax (941) 795-3477
www.myanatee.org



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Lena Road Class I Landfil

Address 3333 Lena Road

City Bradenton

Zip 34211

County Manatee

Telephone Number (941) 792-8811

(2) WACS Facility ID SWD-41-44795

(3) DEP Permit Number 39884-010-SO/01

(4) Authorized Representative's Name Jeff Goodwin

Title Laboratory Manager

Address 4751 66th Street West

City Bradenton

Zip 34210

County Manatee

Telephone Number (941) 792-8811 ext. 5235

Email address (if available) jeff.goodwin@mymanatee.org

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 23 2010
SOUTHWEST DISTRICT
TAMPA

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

7/20/10
(Date)

Jeff Goodwin
(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Manatee County Utilities Central Laboratory

Analytical Lab NELAC / HRS Certification # E54560; E84129

Lab Name MCUD Central Laboratory; Southern Analytical Laboratories, Inc.

Address 4751 66th Street West Bradenton, FL 34210; 110 Bayview Boulevard Oldsmar FL 34677

Phone Number (941) 792-8811 ext. 5235; 813-855-1844

Email address (if available) jeff.goodwin@mymanatee.org

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky.
Temple Terrace, FL
813-632-7800

South District
2295 Victoria Ave., Ste. 384
Fort Myers, FL 33902-2549
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-661-6600



REPORT OF ANALYSIS
MANATEE COUNTY UTILITIES DEPARTMENT
CENTRAL LABORATORY
4751 66th STREET WEST
BRADENTON, FL 34210

Phone: (941) 792-8811 ext. 5235

Fax: (941) 795-3477

FDOHLAB ID: E54560

USEPA LAB CODE: FL0003I

Laboratory Contact: Jeff Goodwin

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 23 2010
SOUTHWEST DISTRICT
TAMPA

PREPARED FOR: Mr. Mike Gore
MCUD Solid Waste Division
3333 Lena Road
Bradenton, FL 34211

SAMPLE RECEIPT DATE: 03/18/2010

REPORT DATE: 7/20/2010

PROJECT NAME: Lena Road Semi Annual
Groundwater Monitoring
Report

Data Release Authorization:

The Methods of analysis in this report are in accordance with MCUD Central Laboratory's Quality Assurance Manual and meet all NELAC standards except where noted. Results pertain only to items tested and to the samples specified. This report may not be reproduced, except in full, without the written approval of this laboratory.



Analytical Results Summary for Ground Water Samples Collected at Class I/III Landfills

Facility Name -- Lena Road Landfill
 County -- Manatee
 Sampling Frequency -- Semiannual
 Analytical Laboratory -- Southern Analytical Lab (App. I volatiles); Manatee Co. Cntrl. WW Lab (metals & inorganics)
 Date Sampled -- 3/10 to 3/18/10
 Date Received -- 7/23/10
 Filtered Metals -- N
 Equipment Blank -- N
 GW Contour Map -- NO
 Exceedances summarized -- Y

PARAMETERS	Ground Water Standard	Monitor Well Identification Number										Notes (as needed)
		GW-10 D/S	GW-11 D/S	GW-12 D/S	GW-13 D/S	GW-14 D/S	GW-15 D/S	GW-16 D/S	GW-17 D/S	BGW-1 B/S		
Field Measurements												
Water Level Elevation	NE											
pH (Std. Units)	6.5 - 8.5	6.48	6.08	6.28	6.67	6.7	6.6	6.45	5.52	6.15		
Turbidity (NTU)	20*	2.49	2.45	2.74	9.32	2.22	3.74	0.88	5.65	1.31		
Conductivity (umhos/cm)	NE	842	842	1100	2450	1840	615	712	124	642		
Dissolved Oxygen (mg/L)	<20% sat*	0.51	1.74	0.75	1.04	0.93	1.9	1.66	0.72	1.33		
Temperature (°C)	NE	21.1	18.1	21.4	21.6	18	18.7	21.2	20.9	20.7		
Metals/Semimetals O&P												
Antimony (mg/L)	0.006	<0.0015	0.0029	<0.0015	NA	NA	NA	NA	NA	NA		
Arsenic (mg/L)	0.01	0.0029	0.015	0.0028	0.003	0.0038	0.0033	0.0018	0.0017	<0.0012		
Cadmium (mg/L)	0.005	0.0003	0.0004	0.0002	<0.0002	NA	0.0002	<0.0002	NA	NA		
Chromium (mg/L)	0.1	0.0026	<0.0008	NA	NA	NA	0.0018	<0.0008	0.0017	<0.0008		
Iron (mg/L)	0.3	2.88	7.53	0.097	1.45	3.18	6.72	1.16	7.46	0.231		
Lead (mg/L)	0.015	<0.0015	0.0027	<0.0015	NA	NA	NA	NA	NA	NA		
Mercury (mg/L)	0.002	<0.00011	NA	NA	NA	NA	NA	NA	NA	NA		
Selenium (mg/L)	0.05	<0.0046	NA	0.01	0.022	<0.0046	NA	NA	NA	NA		
Sodium (mg/L)	160	8.74	249	7.64	40.8	34.1	36.1	69.8	3.91	40.7		
Thallium (mg/L)	0.002	<0.0006	NA	0.0008	<0.0006	NA	NA	NA	NA	NA		
Vanadium (mg/L)	0.049**	0.005	0.0035	0.012	0.011	<0.0006	0.015	0.006	0.027	0.006		
Inorganics												
Ammonia (mg/L)	2.8**	2.37	0.342	<0.009	5.49	0.242	0.575	0.972	1.47	0.219		
Chlorides (mg/L)	250	16	60.7	8.21	38.8	41.6	64.6	87.8	5.88	62.5		
Nitrate (mg/L)	10	0.344	<0.006	6.79	1.7	<0.006	0.107	<0.006	NA	NA		
Total Dissolved Solids (mg/L)	500	397	535	362	1360	1330	280	421	109	367		
Organics												
Acetone (µg/L)	6300**	<1.9	NA	NA	3.6	<1.9	NA	NA	NA	NA		
Benzene (µg/L)	1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
Carbon disulfide (µg/L)	700**	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
Chlorobenzene (µg/L)	100	<0.04	NA	0.81	<0.04	NA	NA	NA	NA	NA		
1,2-dichlorobenzene (µg/L)	600	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
1,4-dichlorobenzene (µg/L)	75	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
1,2-dichloroethane (µg/L)	3	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
1,1-dichloroethene (µg/L)	7	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
Ethylbenzene (µg/L)	30	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
Methylene chloride (µg/L)	5	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Tetrachloroethene (µg/L)	3	<0.2	NA	NA	NA	NA	NA	NA	NA	NA		
Toluene (µg/L)	40	<0.1	NA	NA	NA	NA	NA	NA	NA	NA		
Trichloroethene (µg/L)	3	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Vinyl Chloride (µg/L)	1	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Xylenes (µg/L)	20	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Monitor Well Descriptions:												
B = background; C = contamination; D = detection; U/L =												

Monitor Well Descriptions: B = background; C = compliance; D = detection // S = surficial aquifer; I = intermediate aquifer (confined); F = Floridan aquifer

* = SOP FS 2200 (Ground water sampling)

** = minimum criteria (Chapter 62-777, F.A.C.)

CH0101501A

<0.1 0.9 <0.1

Analytical Results Summary for Ground Water Samples Collected at Class I/III Landfills

Facility Name -- Lena Road Landfill
 Analytical Laboratory -- Southern Analytical Lab (App. 1 volatiles); Manatee Co. Cntrl. WW Lab (metals & inorganics)
 Filtered Metals -- N Equipment Blank -- N Duplicate -- N

County -- Manatee
 Date Sampled -- 3/10 to 3/18/10
 GW Contour Map -- NO

Sampling Frequency -- Semiannual
 Date Received -- 7/23/10
 Exceedances summarized -- Y

PARAMETERS	Ground Water Standard	Monitor Well Identification Number									Notes (as needed)
		GW-1 D/S	GW-2 D/S	GW-3 D/S	GW-4 D/S	GW-5 D/S	GW-6 D/S	GW-7 D/S	GW-8 D/S	GW-9 D/S	
Field Measurements											
Water Level Elevation	NE										
pH (Std. Units)	6.5 - 8.5	6.42	6.25	6.21	6.27	6.31	6.33	6.3	6.47	6.74	
Turbidity (NTU)	20*	4.6	15.2	4.8	35.4	1.64	1.68	3.72	24.3	0.76	
Conductivity (umhos/cm)	NE	608	960	706	456	733	1810	614	665	840	
Dissolved Oxygen (mg/L)	<20% sat*	1.36	0.44	0.88	0.85	0.31	0.77	0.45	0.76	0.43	
Temperature (°C)	NE	20.5	20.1	20.8	20.7	21.6	20.5	20.4	20.8	21.9	
Metals/Semimetals											
Arsenic (mg/L)	0.006	0.0019	<0.0015	1.69	142	0.2	39	15.6	21.4	-83	
Cadmium (mg/L)	0.01	0.007	—	0.0044	<0.002	0.0016	0.0017	0.0018	0.0049	0.012	
Chromium (mg/L)	0.005	<0.0002	—	0.0002	0.0003	—	0.0006	0.0002	0.0003	<0.0002	
Iron (mg/L)	0.1	<0.0008	—	0.0008	0.0035	0.0011	<0.0006	0.0008	0.0027	<0.0008	
Lead (mg/L)	0.3	2.62	1.68	0.402	0.78	0.984	1.25	0.104	0.187	3.68	
Mercury (mg/L)	0.015	<0.0005	—	—	—	—	—	—	—	—	Variable MDL reported
Selenium (mg/L)	0.002	<0.00011	—	—	—	—	—	—	—	—	
Sodium (mg/L)	0.05	<0.0046	—	—	—	—	0.005	<0.0044	—	—	
Thallium (mg/L)	160	15.7	37	21.2	4.68	14.3	18.4	12.5	10.7	9.46	
Vanadium (mg/L)	0.002	<0.0006	—	—	—	—	—	—	—	—	
0.049**		0.019	0.01	0.007	0.014	0.012	0.05	0.0032	0.004	0.0021	
Inorganics											
Ammonia (mg/L)	2.8**	0.164	1.03	0.224	<0.009	0.798	1.06	0.444	<0.009	1.56	
Chlorides (mg/L)	250	20.8	44.5	22.4	5.23	22.1	13	76.1	28	15.6	
Nitrate (mg/L)	10	0.583	0.276	2.14	0.369	2.23	0.261	0.066	<0.006	—	
Total Dissolved Solids (mg/L)	500	421	625	444	302	471	1280	413	459	470	
Organics											
Acetone (µg/L)	6300**	<1.9	—	—	—	—	—	—	—	—	
Benzene (µg/L)	1	<0.1	—	—	—	—	—	—	—	—	
Carbon disulfide (µg/L)	700**	<0.1	—	—	—	—	—	—	—	—	
Chlorobenzene (µg/L)	100	<0.04	—	—	—	—	—	—	—	—	
1,2-dichlorobenzene (µg/L)	600	<0.1	—	—	—	—	—	—	—	—	
1,4-dichlorobenzene (µg/L)	75	<0.1	—	—	—	—	—	—	—	—	
1,2-dichloroethane (µg/L)	3	<0.1	—	—	—	—	—	—	—	—	
1,1-dichloroethene (µg/L)	7	<0.1	—	—	—	—	—	—	—	—	
Ethylbenzene (µg/L)	30	<0.1	—	—	—	—	—	—	—	—	
Methylene chloride (µg/L)	5	NA	—	—	—	—	—	—	—	—	
Tetrachloroethene (µg/L)	3	NA	—	—	—	—	—	—	—	—	
Toluene (µg/L)	40	<0.1	—	—	—	—	—	—	—	—	
Trichloroethene (µg/L)	3	NA	—	—	—	—	—	—	—	—	
Vinyl Chloride (µg/L)	1	NA	—	—	—	—	—	—	—	—	
Xylenes (µg/L)	20	NA	—	—	—	—	—	—	—	—	

Monitor Well Descriptions: B = background; C = compliance; D = detection; S = surficial aquifer; I = intermediate aquifer (confined); F = Floridan aquifer

* = SOP FS 2200 (Ground water sampling)

** = minimum criteria (Chapter 62-777, F.A.C.)

NE = not established

NA = not analyzed

NS = not sampled

CHLOROBENZENE

<0.1 0.16 <0.1

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30443 Collection Date / Time: 03/10/2010 09:05

Sample Point: Lena Road Monitoring Well GW-1

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	20.8	mg/L		03/12/2010 16:37	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.583	mg/L		03/11/2010 14:35	0.006	0.025	EMM

Analysis Department: CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.4		JRW
Styrene	EPA 8260	<MPL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:07	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010 05:56	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010 05:56	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	668	umhos/cm		03/10/2010	13:08	1		DWELLS
Field Dissolved Oxygen	FIELD	1.36	mg/L		03/10/2010	13:08	2.00		DWELLS
Field pH	FIELD	6.47	Std. units		03/10/2010	13:08	0.010		DWELLS
Field Temperature	FIELD	20.5	Degrees C		03/10/2010	13:08			DWELLS
Field Turbidity	FIELD	1.36	NTU		03/10/2010	13:08	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	14:39	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	0.0019	mg/L	I,J	03/17/2010	12:17	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.007	mg/L		03/17/2010	12:17	0.0012	0.005	KMH
Barium	EPA 200.7	0.016	mg/L		03/17/2010	12:17	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0019	mg/L	I	03/17/2010	12:17	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0006	0.005	KMH
Iron	EPA 200.7	2.62	mg/L		03/17/2010	12:17	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0030	mg/L	I	03/17/2010	12:17	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:17	0.0046	0.005	KMH
Silver	EPA 200.7	0.0007	mg/L	I	03/17/2010	12:17	0.0006	0.005	KMH
Sodium	EPA 200.7	15.7	mg/L		03/17/2010	12:17	0.019	2.00	KMH
Vanadium	EPA 200.7	0.019	mg/L		03/17/2010	12:17	0.0006	0.005	KMH
Zinc	EPA 200.7	0.019	mg/L		03/17/2010	12:17	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010	15:09	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.164	mg/L		03/22/2010	10:19	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	421	mg/L		03/12/2010	15:00	10.0	10.0	AMC/AC
Analysis Comments:		Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30452 Collection Date / Time: 03/10/2010 09:44

Sample Point: Lena Road Monitoring Well GW-2

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	44.5	mg/L		03/12/2010 17:26	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.276	mg/L		03/11/2010 14:02	0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Chloroform	EPA 8260	0.16	ug/L	C,I	03/23/2010 19:39	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 19:39	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010 06:17	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010 06:17	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	960	umhos/cm		03/10/2010	09:44	1		DWELLS
Field Dissolved Oxygen	FIELD	0.94	mg/L		03/10/2010	09:44	2.00		DWELLS
Field pH	FIELD	6.25	Std. units		03/10/2010	09:44	0.010		DWELLS
Field Temperature	FIELD	20.1	Degrees C		03/10/2010	09:44			DWELLS
Field Turbidity	FIELD	15.2	NTU		03/10/2010	09:44	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:17	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.007	mg/L		03/17/2010	12:32	0.0012	0.005	KMH
Barium	EPA 200.7	0.016	mg/L		03/17/2010	12:32	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0005	mg/L	I	03/17/2010	12:32	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0006	0.005	KMH
Iron	EPA 200.7	1.68	mg/L		03/17/2010	12:32	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0017	mg/L	I	03/17/2010	12:32	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:32	0.0046	0.005	KMH
Silver	EPA 200.7	0.0010	mg/L	I	03/17/2010	12:32	0.0006	0.005	KMH
Sodium	EPA 200.7	37.0	mg/L		03/17/2010	12:32	0.019	2.00	KMH
Vanadium	EPA 200.7	0.010	mg/L		03/17/2010	12:32	0.0006	0.005	KMH
Zinc	EPA 200.7	0.018	mg/L		03/17/2010	12:32	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010	17:12	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.03	mg/L		03/16/2010	13:08	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	625	mg/L		03/12/2010	15:00	10.0	10.0	AMC/AC
Analysis Comments:		Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30453 Collection Date / Time: 03/10/2010 10:19									
Sample Point: Lena Road Monitoring Well GW-3									
Sample Comment:									
Analysis Department: ANIONS									
Chloride by Ion Chromatography	EPA 300.0	22.4	mg/L		03/12/2010	17:42	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	2.14	mg/L		03/11/2010	14:18	0.006	0.025	EMM
Analysis Department: CONTRACT									
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	20:11	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010	08:04	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010	08:04	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	706	umhos/cm		03/10/2010	10:19	1		DWELLS
Field Dissolved Oxygen	FIELD	0.88	mg/L		03/10/2010	10:19	2.00		DWELLS
Field pH	FIELD	6.21	Std. units		03/10/2010	10:19	0.010		DWELLS
Field Temperature	FIELD	20.8	Degrees C		03/10/2010	10:19			DWELLS
Field Turbidity	FIELD	4.80	NTU		03/10/2010	10:19	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:19	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0014	mg/L	I	03/17/2010	12:35	0.0012	0.005	KMH
Barium	EPA 200.7	0.009	mg/L		03/17/2010	12:35	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0002	mg/L	I	03/17/2010	12:35	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0008	mg/L	I	03/17/2010	12:35	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	03/17/2010	12:35	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0006	0.005	KMH
Iron	EPA 200.7	0.402	mg/L		03/17/2010	12:35	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0014	mg/L	I	03/17/2010	12:35	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:35	0.0006	0.005	KMH
Sodium	EPA 200.7	21.2	mg/L		03/17/2010	12:35	0.019	2.00	KMH
Vanadium	EPA 200.7	0.007	mg/L		03/17/2010	12:35	0.0006	0.005	KMH
Zinc	EPA 200.7	0.012	mg/L		03/17/2010	12:35	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010	17:22	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.224	mg/L		03/22/2010	10:23	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	499	mg/L		03/12/2010	15:00	10.0	10.0	AMC/AC
Analysis Comments:		Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30454 Collection Date / Time: 03/10/2010 11:05

Sample Point: Lena Road Monitoring Well GW-4

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	5.23	mg/L		03/12/2010 17:58	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.369	mg/L		03/11/2010 13:13	0.006	0.025	EMM

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 20:43	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010 08:26	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010 08:26	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	456	umhos/cm		03/10/2010	11:05	1		DWELLS
Field Dissolved Oxygen	FIELD	0.85	mg/L		03/10/2010	11:05	2.00		DWELLS
Field pH	FIELD	6.27	Std. units		03/10/2010	11:05	0.010		DWELLS
Field Temperature	FIELD	20.7	Degrees C		03/10/2010	11:05			DWELLS
Field Turbidity	FIELD	35.4	NTU		03/10/2010	11:05	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:22	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0015	0.005	KMH
Arsenic	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0012	0.005	KMH
Barium	EPA 200.7	0.014	mg/L		03/17/2010	12:38	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0003	mg/L	I	03/17/2010	12:38	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0035	mg/L	I	03/17/2010	12:38	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	03/17/2010	12:38	0.0004	0.005	KMH
Copper	EPA 200.7	0.0023	mg/L	I	03/17/2010	12:38	0.0006	0.005	KMH
Iron	EPA 200.7	0.780	mg/L		03/17/2010	12:38	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0015	mg/L	I	03/17/2010	12:38	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:38	0.0006	0.005	KMH
Sodium	EPA 200.7	4.68	mg/L		03/17/2010	12:38	0.019	2.00	KMH
Vanadium	EPA 200.7	0.014	mg/L		03/17/2010	12:38	0.0006	0.005	KMH
Zinc	EPA 200.7	0.014	mg/L		03/17/2010	12:38	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	13:27	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	<MDL	mg/L	U	03/22/2010	10:25	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	302	mg/L		03/12/2010	15:00	10.0	10.0	AMC/AC
Analysis Comments:		Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30455 Collection Date / Time: 03/10/2010 11:30

Sample Point: Lena Road Monitoring Well GW-5

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	22.1	mg/L		03/12/2010 17:10	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	2.23	mg/L		03/12/2010 09:37	0.006	0.025	AMC

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.03		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 21:15	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010 08:47	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010 08:47	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	733	umhos/cm		03/10/2010	11:30	1		DWELLS
Field Dissolved Oxygen	FIELD	0.31	mg/L		03/10/2010	11:30	2.00		DWELLS
Field pH	FIELD	6.31	Std. units		03/10/2010	11:30	0.010		DWELLS
Field Temperature	FIELD	21.6	Degrees C		03/10/2010	11:30			DWELLS
Field Turbidity	FIELD	1.64	NTU		03/10/2010	11:30	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:25	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:40	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0016	mg/L	I	03/17/2010	13:40	0.0012	0.005	KMH
Barium	EPA 200.7	0.017	mg/L		03/17/2010	13:40	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:40	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0003	mg/L	I	03/17/2010	13:40	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0011	mg/L	I	03/17/2010	13:40	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0009	mg/L	I	03/17/2010	13:40	0.0004	0.005	KMH
Copper	EPA 200.7	0.0011	mg/L	I	03/17/2010	13:40	0.0006	0.005	KMH
Iron	EPA 200.7	0.984	mg/L		03/17/2010	13:40	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:40	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0013	mg/L	I	03/17/2010	13:40	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:40	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:40	0.0006	0.005	KMH
Sodium	EPA 200.7	14.3	mg/L		03/17/2010	13:40	0.019	2.00	KMH
Vanadium	EPA 200.7	0.012	mg/L		03/17/2010	13:40	0.0006	0.005	KMH
Zinc	EPA 200.7	0.0039	mg/L	I	03/17/2010	13:40	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	14:17	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.798	mg/L		03/22/2010	10:26	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	471	mg/L		03/12/2010	15:00	10.0	10.0	AMC/AC
Analysis Comments:		Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30456 Collection Date / Time: 03/11/2010 08:41									
Sample Point: Lena Road Monitoring Well GW-6									
Sample Comment:									
Analysis Department:		ANIONS							
Chloride by Ion Chromatography	EPA 300.0	13.0	mg/L		03/17/2010	01:57	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.261	mg/L		03/12/2010	11:48	0.006	0.025	AMC
Analysis Department:		CONTRACT							
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	21:47	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	PASSED	ug/L	C,U	03/19/2010	09:09	0.005		BTJ
Ethylene Dibromide	EPA 8011	PASSED	ug/L	C,U	03/19/2010	09:09	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1810	umhos/cm		03/11/2010	08:41	1		DWELLS
Field Dissolved Oxygen	FIELD	0.79	mg/L		03/11/2010	08:41	2.00		DWELLS
Field pH	FIELD	6.33	Std. units		03/11/2010	08:41	0.010		DWELLS
Field Temperature	FIELD	20.5	Degrees C		03/11/2010	08:41			DWELLS
Field Turbidity	FIELD	1.68	NTU		03/11/2010	08:41	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:27	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:43	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0017	mg/L	I	03/17/2010	13:43	0.0012	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		03/17/2010	13:43	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:43	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0006	mg/L	I	03/17/2010	13:43	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:43	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0015	mg/L	I	03/17/2010	13:43	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:43	0.0006	0.005	KMH
Iron	EPA 200.7	1.23	mg/L		03/17/2010	13:43	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:43	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0013	mg/L	I	03/17/2010	13:43	0.0003	0.005	KMH
Selenium	EPA 200.7	0.005	mg/L		03/17/2010	13:43	0.0046	0.005	KMH
Silver	EPA 200.7	0.0020	mg/L	I	03/17/2010	13:43	0.0006	0.005	KMH
Sodium	EPA 200.7	18.4	mg/L		03/17/2010	13:43	0.019	2.00	KMH
Vanadium	EPA 200.7	0.050	mg/L		03/17/2010	13:43	0.0006	0.005	KMH
Zinc	EPA 200.7	0.007	mg/L		03/17/2010	13:43	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	14:27	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.06	mg/L		03/16/2010	13:02	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	1280	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30457 Collection Date / Time: 03/11/2010 09:05									
Sample Point: Lena Road Monitoring Well GW-7									
Sample Comment:									
Analysis Department: ANIONS									
Chloride by Ion Chromatography	EPA 300.0	76.1	mg/L		03/16/2010	19:43	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.066	mg/L		03/11/2010	15:24	0.006	0.025	EMM
Analysis Department: CONTRACT									
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:20	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010	09:31	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010	09:31	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	614	umhos/cm		03/11/2010	09:05	1		DWELLS
Field Dissolved Oxygen	FIELD	0.45	mg/L		03/11/2010	09:05	2.00		DWELLS
Field pH	FIELD	6.30	Std. units		03/11/2010	09:05	0.010		DWELLS
Field Temperature	FIELD	20.4	Degrees C		03/11/2010	09:05			DWELLS
Field Turbidity	FIELD	3.72	NTU		03/11/2010	09:05	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:30	0.011	0.100	KMH
<u>Metals by 200.7</u>									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0018	mg/L	I	03/17/2010	13:46	0.0012	0.005	KMH
Barium	EPA 200.7	0.014	mg/L		03/17/2010	13:46	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0002	mg/L	I	03/17/2010	13:46	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0008	mg/L	I	03/17/2010	13:46	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	03/17/2010	13:46	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0006	0.005	KMH
Iron	EPA 200.7	0.104	mg/L		03/17/2010	13:46	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0008	mg/L	I	03/17/2010	13:46	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:46	0.0006	0.005	KMH
Sodium	EPA 200.7	12.5	mg/L		03/17/2010	13:46	0.019	2.00	KMH
Vanadium	EPA 200.7	0.0032	mg/L	I	03/17/2010	13:46	0.0006	0.005	KMH
Zinc	EPA 200.7	0.015	mg/L		03/17/2010	13:46	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	14:37	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.444	mg/L		03/16/2010	13:07	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	413	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30458 Collection Date / Time: 03/11/2010 09:34									
Sample Point: Lena Road Monitoring Well GW-8									
Sample Comment:									
Analysis Department: ANIONS									
Chloride by Ion Chromatography	EPA 300.0	21.0	mg/L		03/17/2010	02:30	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/11/2010	15:40	0.006	0.025	EMM
Analysis Department: CONTRACT									
58 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	22:52	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/19/2010	09:52	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/19/2010	09:52	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	665	umhos/cm		03/11/2010	09:34	1		DWELLS
Field Dissolved Oxygen	FIELD	0.76	mg/L		03/11/2010	09:34	2.00		DWELLS
Field pH	FIELD	6.47	Std. units		03/11/2010	09:34	0.010		DWELLS
Field Temperature	FIELD	20.8	Degrees C		03/11/2010	09:34			DWELLS
Field Turbidity	FIELD	24.3	NTU		03/11/2010	09:34	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:33	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:49	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0049	mg/L	I	03/17/2010	13:49	0.0012	0.005	KMH
Barium	EPA 200.7	0.030	mg/L		03/17/2010	13:49	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:49	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0003	mg/L	I	03/17/2010	13:49	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0027	mg/L	I	03/17/2010	13:49	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0005	mg/L	I	03/17/2010	13:49	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:49	0.0006	0.005	KMH
Iron	EPA 200.7	0.187	mg/L		03/17/2010	13:49	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:49	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0011	mg/L	I	03/17/2010	13:49	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:49	0.0046	0.005	KMH
Silver	EPA 200.7	0.0007	mg/L	I	03/17/2010	13:49	0.0006	0.005	KMH
Sodium	EPA 200.7	10.7	mg/L		03/17/2010	13:49	0.019	2.00	KMH
Vanadium	EPA 200.7	0.006	mg/L		03/17/2010	13:49	0.0006	0.005	KMH
Zinc	EPA 200.7	0.016	mg/L		03/17/2010	13:49	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	14:48	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	<MDL	mg/L	U	03/22/2010	10:27	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	459	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30459 Collection Date / Time: 03/11/2010 10:14									
Sample Point: Lena Road Monitoring Well GW-9									
Sample Comment:									
<u>Analysis Department:</u> <u>ANIONS</u>									
Chloride by Ion Chromatography	EPA 300.0	15.6	mg/L		03/17/2010	02:46	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/11/2010	15:57	0.006	0.025	EMM
<u>Analysis Department:</u> <u>CONTRACT</u>									
58 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010	23:24	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/23/2010	23:23	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/23/2010	23:23	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	840	umhos/cm		03/11/2010	10:14	1		DWELLS
Field Dissolved Oxygen	FIELD	0.43	mg/L		03/11/2010	10:14	2.00		DWELLS
Field pH	FIELD	6.74	Std. units		03/11/2010	10:14	0.010		DWELLS
Field Temperature	FIELD	21.9	Degrees C		03/11/2010	10:14			DWELLS
Field Turbidity	FIELD	0.96	NTU		03/11/2010	10:14	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:35	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.012	mg/L		03/17/2010	13:52	0.0012	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		03/17/2010	13:52	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0008	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0006	0.005	KMH
Iron	EPA 200.7	3.69	mg/L		03/17/2010	13:52	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0015	0.005	KMH
Nickel	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:52	0.0046	0.005	KMH
Silver	EPA 200.7	0.0006	mg/L	I	03/17/2010	13:52	0.0006	0.005	KMH
Sodium	EPA 200.7	9.46	mg/L		03/17/2010	13:52	0.019	2.00	KMH
Vanadium	EPA 200.7	0.0021	mg/L	I	03/17/2010	13:52	0.0006	0.005	KMH
Zinc	EPA 200.7	0.019	mg/L		03/17/2010	13:52	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/19/2010	14:58	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.56	mg/L		03/16/2010	13:04	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	470	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30444 Collection Date / Time: 03/11/2010 10:38

Sample Point: Lena Road Monitoring Well GW-10

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	16.0	mg/L		03/12/2010 16:53	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	0.364	mg/L		03/11/2010 16:46	0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/23/2010 23:57	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/23/2010 23:45	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/23/2010 23:45	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	719	umhos/cm		03/11/2010	10:38	1		DWELLS
Field Dissolved Oxygen	FIELD	0.51	mg/L		03/11/2010	10:38	2.00		DWELLS
Field pH	FIELD	6.68	Std. units		03/11/2010	10:38	0.010		DWELLS
Field Temperature	FIELD	21.1	Degrees C		03/11/2010	10:38			DWELLS
Field Turbidity	FIELD	2.49	NTU		03/11/2010	10:38	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	14:42	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:20	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0029	mg/L	I	03/17/2010	12:20	0.0012	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		03/17/2010	12:20	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:20	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0003	mg/L	I	03/17/2010	12:20	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0026	mg/L	I	03/17/2010	12:20	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0007	mg/L	I	03/17/2010	12:20	0.0004	0.005	KMH
Copper	EPA 200.7	0.0018	mg/L	I	03/17/2010	12:20	0.0006	0.005	KMH
Iron	EPA 200.7	2.88	mg/L		03/17/2010	12:20	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:20	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0018	mg/L	I	03/17/2010	12:20	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:20	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:20	0.0006	0.005	KMH
Sodium	EPA 200.7	8.74	mg/L		03/17/2010	12:20	0.019	2.00	KMH
Vanadium	EPA 200.7	0.005	mg/L		03/17/2010	12:20	0.0006	0.005	KMH
Zinc	EPA 200.7	0.024	mg/L		03/17/2010	12:20	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010	16:21	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	2.37	mg/L		03/22/2010	10:28	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	397	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30445 Collection Date / Time: 03/15/2010 09:29

Sample Point: Lena Road Monitoring Well GW-11

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	60.7	mg/L		03/17/2010 01:08	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/16/2010 10:13	0.006	0.025	AMC

Analysis Department: CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.08		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.3		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.3		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.21		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.3		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.06		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 00:29	0.1		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/24/2010 00:49	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/24/2010 00:49	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Analysis Department: **FIELD**

Field conductivity	FIELD	842	umhos/cm		03/15/2010 09:29	1		DWELLS
Field Dissolved Oxygen	FIELD	1.74	mg/L		03/15/2010 09:29	2.00		DWELLS
Field pH	FIELD	6.08	Std. units		03/15/2010 09:29	0.010		DWELLS
Field Temperature	FIELD	18.1	Degrees C		03/15/2010 09:29			DWELLS
Field Turbidity	FIELD	7.95	NTU		03/15/2010 09:29	0.050		DWELLS

Analysis Department: **METALS**

Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010 14:45	0.011	0.100	KMH
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Metals by 200.7

Antimony	EPA 200.7	0.0029	mg/L	I,J	03/17/2010 12:23	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.015	mg/L		03/17/2010 12:23	0.0012	0.005	KMH
Barium	EPA 200.7	0.028	mg/L		03/17/2010 12:23	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:23	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0004	mg/L	I	03/17/2010 12:23	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:23	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0023	mg/L	I	03/17/2010 12:23	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:23	0.0006	0.005	KMH
Iron	EPA 200.7	7.53	mg/L		03/17/2010 12:23	0.0024	0.125	KMH
Lead	EPA 200.7	0.0027	mg/L	I	03/17/2010 12:23	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0043	mg/L	I	03/17/2010 12:23	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:23	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:23	0.0006	0.005	KMH
Sodium	EPA 200.7	24.9	mg/L		03/17/2010 12:23	0.019	2.00	KMH
Vanadium	EPA 200.7	0.0035	mg/L	I	03/17/2010 12:23	0.0006	0.005	KMH
Zinc	EPA 200.7	0.032	mg/L		03/17/2010 12:23	0.0028	0.005	KMH

Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010 16:31	0.0006	0.002	KMH
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Analysis Department: **NUTRIENTS**

Ammonia	EPA 350.1	0.342	mg/L		03/16/2010 13:09	0.009	0.050	IR
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Analysis Department: **SOLIDS**

Total Dissolved Solids	SM 2540 C	525	mg/L		03/18/2010 14:45	10.0	10.0	EMM/AC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30446 Collection Date / Time: 03/15/2010 09:47

Sample Point: Lena Road Monitoring Well GW-12

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	8.21	mg/L		03/17/2010 01:24	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	6.39	mg/L		03/16/2010 14:51	0.006	0.025	AMC

Analysis Department: CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.2		JRW
Chlorobenzene	EPA 8260	0.81	ug/L	C	03/24/2010 01:01	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.4		JRW
Chloroform	EPA 8260	0.90	ug/L	C	03/24/2010 01:01	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 01:01	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:11	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:11	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1100	umhos/cm		03/15/2010	09:47	1		DWELLS
Field Dissolved Oxygen	FIELD	0.75	mg/L		03/15/2010	09:47	2.00		DWELLS
Field pH	FIELD	6.28	Std. units		03/15/2010	09:47	0.010		DWELLS
Field Temperature	FIELD	21.4	Degrees C		03/15/2010	09:47			DWELLS
Field Turbidity	FIELD	2.74	NTU		03/15/2010	09:47	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	14:47	0.011	0.100	KMH
<u>Metals by 200.7</u>									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:55	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0028	mg/L	I	03/17/2010	13:55	0.0012	0.005	KMH
Barium	EPA 200.7	0.056	mg/L		03/17/2010	13:55	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:55	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0002	mg/L	I	03/17/2010	13:55	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:55	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0018	mg/L	I	03/17/2010	13:55	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:55	0.0006	0.005	KMH
Iron	EPA 200.7	0.097	mg/L		03/17/2010	13:55	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	13:55	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0016	mg/L	I	03/17/2010	13:55	0.0003	0.005	KMH
Selenium	EPA 200.7	0.010	mg/L		03/17/2010	13:55	0.0046	0.005	KMH
Silver	EPA 200.7	0.0014	mg/L	I	03/17/2010	13:55	0.0006	0.005	KMH
Sodium	EPA 200.7	7.64	mg/L		03/17/2010	13:55	0.019	2.00	KMH
Vanadium	EPA 200.7	0.012	mg/L		03/17/2010	13:55	0.0006	0.005	KMH
Zinc	EPA 200.7	0.009	mg/L		03/17/2010	13:55	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	0.0008	mg/L	I	03/17/2010	16:41	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	<MDL	mg/L	U	03/16/2010	13:10	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	762	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30447 Collection Date / Time: 03/15/2010 10:24

Sample Point: Lena Road Monitoring Well GW-13

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	38.8	mg/L		03/17/2010 01:41	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	1.70	mg/L		03/16/2010 11:02	0.006	0.025	AMC

Analysis Department: **CONTRACT**

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.6		JRW
Acetone	EPA 8260	3.6	ug/L	C,I	03/24/2010 09:00	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/24/2010 09:00	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:32	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:32	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	2430	umhos/cm		03/15/2010	10:24	1		DWELLS
Field Dissolved Oxygen	FIELD	1.04	mg/L		03/15/2010	10:24	2.00		DWELLS
Field pH	FIELD	6.67	Std. units		03/15/2010	10:24	0.010		DWELLS
Field Temperature	FIELD	21.6	Degrees C		03/15/2010	10:24			DWELLS
Field Turbidity	FIELD	9.32	NTU		03/15/2010	10:24	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010	15:06	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0030	mg/L	I	03/17/2010	12:26	0.0012	0.005	KMH
Barium	EPA 200.7	0.054	mg/L		03/17/2010	12:26	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0010	mg/L	I	03/17/2010	12:26	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0006	0.005	KMH
Iron	EPA 200.7	1.45	mg/L		03/17/2010	12:26	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010	12:26	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0008	mg/L	I	03/17/2010	12:26	0.0003	0.005	KMH
Selenium	EPA 200.7	0.022	mg/L		03/17/2010	12:26	0.0046	0.005	KMH
Silver	EPA 200.7	0.0035	mg/L	I	03/17/2010	12:26	0.0006	0.005	KMH
Sodium	EPA 200.7	40.8	mg/L		03/17/2010	12:26	0.019	2.00	KMH
Vanadium	EPA 200.7	0.011	mg/L		03/17/2010	12:26	0.0006	0.005	KMH
Zinc	EPA 200.7	0.006	mg/L		03/17/2010	12:26	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010	16:52	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	5.49	mg/L		03/16/2010	13:11	0.009	0.050	IR
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	1750	mg/L		03/18/2010	14:45	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30448 Collection Date / Time: 03/15/2010 10:52

Sample Point: Lena Road Monitoring Well GW-14

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	41.6	mg/L		03/17/2010 00:36	0.060	1.00	AMC
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/16/2010 11:19	0.006	0.025	AMC

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 02:27	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:54	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/24/2010 01:54	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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<u>Analysis Department:</u>	<u>FIELD</u>
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Field conductivity	FIELD	1840	umhos/cm		03/15/2010 10:52	1		DWELLS
Field Dissolved Oxygen	FIELD	0.93	mg/L		03/15/2010 10:52	2.00		DWELLS
Field pH	FIELD	6.70	Std. units		03/15/2010 10:52	0.010		DWELLS
Field Temperature	FIELD	18.0	Degrees C		03/15/2010 10:52			DWELLS
Field Turbidity	FIELD	2.22	NTU		03/15/2010 10:52	0.050		DWELLS

<u>Analysis Department:</u>	<u>METALS</u>
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Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	03/18/2010 15:14	0.011	0.100	KMH
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Metals by 200.7

Antimony	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0038	mg/L	I	03/17/2010 12:29	0.0012	0.005	KMH
Barium	EPA 200.7	0.051	mg/L		03/17/2010 12:29	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0016	mg/L	I	03/17/2010 12:29	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0006	0.005	KMH
Iron	EPA 200.7	3.18	mg/L		03/17/2010 12:29	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0017	mg/L	I	03/17/2010 12:29	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0046	0.005	KMH
Silver	EPA 200.7	0.0026	mg/L	I	03/17/2010 12:29	0.0006	0.005	KMH
Sodium	EPA 200.7	34.1	mg/L		03/17/2010 12:29	0.019	2.00	KMH
Vanadium	EPA 200.7	<MDL	mg/L	U	03/17/2010 12:29	0.0006	0.005	KMH
Zinc	EPA 200.7	0.007	mg/L		03/17/2010 12:29	0.0028	0.005	KMH

Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	03/17/2010 17:02	0.0006	0.002	KMH
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<u>Analysis Department:</u>	<u>NUTRIENTS</u>
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Ammonia	EPA 350.1	0.242	mg/L		03/16/2010 13:12	0.009	0.050	IR
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<u>Analysis Department:</u>	<u>SOLIDS</u>
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Total Dissolved Solids	SM 2540 C	1330	mg/L		03/18/2010 14:45	10.0	10.0	EMM/AC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30449 Collection Date / Time: 03/18/2010 09:18

Sample Point: Lena Road Monitoring Well GW-15

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	64.6	mg/L		03/18/2010 16:23	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.107	mg/L		03/18/2010 14:14	0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 03:01	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/26/2010 02:14	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/26/2010 02:14	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	615	umhos/cm		03/18/2010	09:18	1		DWELLS
Field Dissolved Oxygen	FIELD	1.90	mg/L		03/18/2010	09:18	2.00		DWELLS
Field pH	FIELD	6.60	Std. units		03/18/2010	09:18	0.010		DWELLS
Field Temperature	FIELD	18.7	Degrees C		03/18/2010	09:18			DWELLS
Field Turbidity	FIELD	3.74	NTU		03/18/2010	09:18	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	04/14/2010	10:50	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0033	mg/L	I	03/25/2010	12:14	0.0012	0.005	KMH
Barium	EPA 200.7	0.037	mg/L		03/25/2010	12:14	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0001	0.005	KMH
Cadmium	EPA 200.7	0.0002	mg/L	I	03/25/2010	12:14	0.0002	0.005	KMH
Chromium	EPA 200.7	0.0018	mg/L	I	03/25/2010	12:14	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0005	mg/L	I	03/25/2010	12:14	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0006	0.005	KMH
Iron	EPA 200.7	6.32	mg/L		03/25/2010	12:14	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0008	mg/L	I	03/25/2010	12:14	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:14	0.0006	0.005	KMH
Sodium	EPA 200.7	36.1	mg/L		03/25/2010	12:14	0.019	2.00	KMH
Vanadium	EPA 200.7	0.015	mg/L		03/25/2010	12:14	0.0006	0.005	KMH
Zinc	EPA 200.7	0.008	mg/L		03/25/2010	12:14	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	04/05/2010	19:37	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.575	mg/L		03/22/2010	12:21	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	280	mg/L		03/25/2010	15:00	10.0	10.0	EMM/AC/AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE30450 Collection Date / Time: 03/18/2010 09:46									
Sample Point: Lena Road Monitoring Well GW-16									
Sample Comment:									
Analysis Department: ANIONS									
Chloride by Ion Chromatography	EPA 300.0	87.8	mg/L		03/18/2010	17:44	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/18/2010	13:58	0.006	0.025	EMM
Analysis Department: CONTRACT									
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/26/2010	03:33	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/26/2010	02:35	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/26/2010	02:35	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	712	umhos/cm		03/18/2010	09:46	1		DWELLS
Field Dissolved Oxygen	FIELD	0.88	mg/L		03/18/2010	09:46	2.00		DWELLS
Field pH	FIELD	6.45	Std. units		03/18/2010	09:46	0.010		DWELLS
Field Temperature	FIELD	21.2	Degrees C		03/18/2010	09:46			DWELLS
Field Turbidity	FIELD	1.66	NTU		03/18/2010	09:46	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	04/14/2010	10:53	0.011	0.100	KMH
<u>Metals by 200.7</u>									
Antimony	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0018	mg/L	I	03/25/2010	12:18	0.0012	0.005	KMH
Barium	EPA 200.7	0.028	mg/L		03/25/2010	12:18	0.0001	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0002	0.005	KMH
Chromium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0008	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0006	0.005	KMH
Iron	EPA 200.7	1.16	mg/L		03/25/2010	12:18	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0016	mg/L	I	03/25/2010	12:18	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:18	0.0006	0.005	KMH
Sodium	EPA 200.7	69.8	mg/L		03/25/2010	12:18	0.019	2.00	KMH
Vanadium	EPA 200.7	0.006	mg/L		03/25/2010	12:18	0.0006	0.005	KMH
Zinc	EPA 200.7	0.009	mg/L		03/25/2010	12:18	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	04/05/2010	19:47	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.972	mg/L		03/22/2010	10:56	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	421	mg/L		03/25/2010	15:00	10.0	10.0	EMM/AC/AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30451 Collection Date / Time: 03/18/2010 10:14

Sample Point: Lena Road Monitoring Well GW-17

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	5.88	mg/L		03/18/2010 17:28	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	03/18/2010 13:08	0.006	0.025	EMM

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.6		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	03/26/2010 04:06	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	03/26/2010 02:56	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	03/26/2010 02:56	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	124	umhos/cm		03/18/2010	10:14	1		DWELLS
Field Dissolved Oxygen	FIELD	0.92	mg/L		03/18/2010	10:14	2.00		DWELLS
Field pH	FIELD	5.52	Std. units		03/18/2010	10:14	0.010		DWELLS
Field Temperature	FIELD	20.9	Degrees C		03/18/2010	10:14			DWELLS
Field Turbidity	FIELD	5.65	NTU		03/18/2010	10:14	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	04/14/2010	10:56	0.011	0.100	KMH
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0015	0.005	KMH
Arsenic	EPA 200.7	0.0017	mg/L	I	03/25/2010	11:44	0.0012	0.005	KMH
Barium	EPA 200.7	0.0046	mg/L	I	03/25/2010	11:44	0.0001	0.005	KMH
Beryllium	EPA 200.7	0.0003	mg/L	I	03/25/2010	11:44	0.0001	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0002	0.005	KMH
Chromium	EPA 200.7	0.007	mg/L		03/25/2010	11:44	0.0008	0.005	KMH
Cobalt	EPA 200.7	0.0004	mg/L	I	03/25/2010	11:44	0.0004	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0006	0.005	KMH
Iron	EPA 200.7	7.46	mg/L		03/25/2010	11:44	0.0024	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0015	0.005	KMH
Nickel	EPA 200.7	0.0006	mg/L	I	03/25/2010	11:44	0.0003	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	03/25/2010	11:44	0.0006	0.005	KMH
Sodium	EPA 200.7	3.91	mg/L		03/25/2010	11:44	0.019	2.00	KMH
Vanadium	EPA 200.7	0.027	mg/L		03/25/2010	11:44	0.0006	0.005	KMH
Zinc	EPA 200.7	0.0039	mg/L	I	03/25/2010	11:44	0.0028	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	04/05/2010	19:58	0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.47	mg/L		03/22/2010	10:58	0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	109	mg/L		03/25/2010	15:00	10.0	10.0	EMM/AC/AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE30442 Collection Date / Time: 03/18/2010 10:53

Sample Point: Lena Road Monitoring Well BGW-1

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography ✓	EPA 300.0	62.5	mg/L		03/18/2010 17:12	✓ 0.060	1.00	EMM
Nitrate as N by Ion Chromatography ✓	EPA 300.0	<MDL	mg/L	U	03/18/2010 14:30	✓ 0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,1,2,2-Tetrachloroethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,1-Dichloroethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,1-Dichloroethylene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,2-Dichlorobenzene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,2-Dichloroethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
1,2-Dichloropropane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.06 ✓		JRW
1,4-Dichlorobenzene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
2-Butanone ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.6 ✓		JRW
Acetone ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	1.9 ✓		JRW
Acrylonitrile / PQL @ 20 ug ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	1.6 ✓	0.06	JRW
Benzene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Bromochloromethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.2 ✓		JRW
Bromodichloromethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Bromoform ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Bromomethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.6 ✓		JRW
Carbon disulfide ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Carbon tetrachloride ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.2 ✓		JRW
Chlorobenzene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.04 ✓		JRW
Chloroethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.4 ✓		JRW
Chloroform ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
cis-1,2-Dichloroethylene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.08 ✓		JRW
cis-1,3-Dichloropropene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Ethylbenzene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Iodomethane ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.2 ✓	NE	JRW
Methyl isobutyl ketone ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.4 ✓		JRW
Styrene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
Tetrachloroethylene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.2 ✓		JRW
Toluene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.1 ✓		JRW
trans-1,2-Dichloroethylene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.3 ✓		JRW
trans-1,3-Dichloropropene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.06 ✓		JRW
trans-1,4-Dichloro-2-butene ✓	EPA 8260	<MDL	ug/L	C,U	03/26/2010 08:57	0.3 ✓	NE	JRW

8011 Volatiles -Contract Lab

Dibromochloropropane ✓	EPA 8011	<MDL	ug/L	C,U	03/26/2010 03:18	0.005 ✓		BTJ
Ethylene Dibromide ✓	EPA 8011	<MDL	ug/L	C,U	03/26/2010 03:18	0.005 ✓		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	615	umhos/cm		03/18/2010	10:53	1		DWELLS
Field Dissolved Oxygen	FIELD	1.33	mg/L		03/18/2010	10:53	2.00		DWELLS
Field pH	FIELD	6.15	Std. units		03/18/2010	10:53	0.010		DWELLS
Field Temperature	FIELD	20.7	Degrees C		03/18/2010	10:53			DWELLS
Field Turbidity	FIELD	1.31	NTU		03/18/2010	10:53	0.050		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor ✓	EPA 245.1	<MDL	ug/L	U	04/14/2010	10:34	✓ 0.011	0.100	KMH
<u>Metals by 200.7</u>									
Antimony ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0015	0.005	KMH
Arsenic ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0012	0.005	KMH
Barium ✓	EPA 200.7	0.018	mg/L		03/25/2010	12:10	✓ 0.0001	0.005	KMH
Beryllium ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0001	0.005	KMH
Cadmium ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0002	0.005	KMH
Chromium ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0008	0.005	KMH
Cobalt ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0004	0.005	KMH
Copper ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0006	0.005	KMH
Iron ✓	EPA 200.7	0.231	mg/L		03/25/2010	12:10	✓ 0.0024	0.125	KMH
Lead ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0015	0.005	KMH
Nickel ✓	EPA 200.7	0.0012	mg/L	I	03/25/2010	12:10	✓ 0.0003	0.005	KMH
Selenium ✓	EPA 200.7	0.007	mg/L		03/25/2010	12:10	✓ 0.0046	0.005	KMH
Silver ✓	EPA 200.7	<MDL	mg/L	U	03/25/2010	12:10	✓ 0.0006	0.005	KMH
Sodium ✓	EPA 200.7	40.7	mg/L		03/25/2010	12:10	✓ 0.019	2.00	KMH
Vanadium ✓	EPA 200.7	0.006	mg/L		03/25/2010	12:10	✓ 0.0006	0.005	KMH
Zinc ✓	EPA 200.7	0.009	mg/L		03/25/2010	12:10	✓ 0.0028	0.005	KMH
Thallium by GFAAS ✓	EPA 279.2	<MDL	mg/L	U	04/05/2010	19:27	✓ 0.0006	0.002	KMH
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia ✓	EPA 350.1	0.219	mg/L		03/22/2010	10:48	✓ 0.009	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids ✓	SM 2540 C	367	mg/L		03/25/2010	15:00	✓ 10.0	10.0	EMM/AC/AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18397		QA Sample ID: AE31113							
Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454								
Method Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	11:40			KMH
Arsenic		<MDL	mg/L	U	03/17/2010	11:40			KMH
Barium		<MDL	mg/L	U	03/17/2010	11:40			KMH
Beryllium		<MDL	mg/L	U	03/17/2010	11:40			KMH
Cadmium		<MDL	mg/L	U	03/17/2010	11:40			KMH
Chromium		0.0008	mg/L	I	03/17/2010	11:40			KMH
Cobalt		<MDL	mg/L	U	03/17/2010	11:40			KMH
Copper		<MDL	mg/L	U	03/17/2010	11:40			KMH
Iron		<MDL	mg/L	U	03/17/2010	11:40			KMH
Lead		<MDL	mg/L	U	03/17/2010	11:40			KMH
Nickel		0.0009	mg/L	I	03/17/2010	11:40			KMH
Selenium		<MDL	mg/L	U	03/17/2010	11:40			KMH
Silver		<MDL	mg/L	U	03/17/2010	11:40			KMH
Sodium		0.023	mg/L	I	03/17/2010	11:40			KMH
Vanadium		<MDL	mg/L	U	03/17/2010	11:40			KMH
Zinc		<MDL	mg/L	U	03/17/2010	11:40			KMH
Int Calb Rec for Metals by 200.7									
Antimony		100	%		03/17/2010	10:36			KMH
Arsenic		99.2	%		03/17/2010	10:36			KMH
Barium		102	%		03/17/2010	10:36			KMH
Beryllium		102	%		03/17/2010	10:36			KMH
Cadmium		105	%		03/17/2010	10:36			KMH
Chromium		102	%		03/17/2010	10:36			KMH
Cobalt		104	%		03/17/2010	10:36			KMH
Copper		102	%		03/17/2010	10:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18397		QA Sample ID: AE31113							
Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454								
Int Calb Rec for Metals by 200.7									
Iron		98.4	%		03/17/2010	10:36			KMH
Lead		103	%		03/17/2010	10:36			KMH
Nickel		104	%		03/17/2010	10:36			KMH
Selenium		98.5	%		03/17/2010	10:36			KMH
Silver		99.2	%		03/17/2010	10:36			KMH
Sodium		98.1	%		03/17/2010	10:36			KMH
Vanadium		102	%		03/17/2010	10:36			KMH
Zinc		102	%		03/17/2010	10:36			KMH
LCS Recovery for Metals by 200.7									
Antimony		102	%		03/17/2010	11:48			KMH
Arsenic		99.8	%		03/17/2010	11:48			KMH
Barium		102	%		03/17/2010	11:48			KMH
Beryllium		103	%		03/17/2010	11:48			KMH
Cadmium		108	%		03/17/2010	11:48			KMH
Chromium		104	%		03/17/2010	11:48			KMH
Cobalt		107	%		03/17/2010	11:48			KMH
Copper		104	%		03/17/2010	11:48			KMH
Iron		98.1	%		03/17/2010	11:48			KMH
Lead		104	%		03/17/2010	11:48			KMH
Nickel		105	%		03/17/2010	11:48			KMH
Selenium		99.2	%		03/17/2010	11:48			KMH
Silver		102	%		03/17/2010	11:48			KMH
Sodium		103	%		03/17/2010	11:48			KMH
Vanadium		103	%		03/17/2010	11:48			KMH
Zinc		102	%		03/17/2010	11:48			KMH
Sample Dup for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	11:59			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18397 QA Sample ID: AE31113

Samples AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454

Sample Dup for Metals by 200.7

Arsenic		0.006	mg/L		03/17/2010 11:59			KMH
Barium		0.016	mg/L		03/17/2010 11:59			KMH
Beryllium		<MDL	mg/L	U	03/17/2010 11:59			KMH
Cadmium		0.0004	mg/L	I	03/17/2010 11:59			KMH
Chromium		0.0009	mg/L	I	03/17/2010 11:59			KMH
Cobalt		0.0020	mg/L	I	03/17/2010 11:59			KMH
Copper		<MDL	mg/L	U	03/17/2010 11:59			KMH
Iron		2.86	mg/L		03/17/2010 11:59			KMH
Lead		<MDL	mg/L	U	03/17/2010 11:59			KMH
Nickel		0.0032	mg/L	I	03/17/2010 11:59			KMH
Selenium		<MDL	mg/L	U	03/17/2010 11:59			KMH
Silver		<MDL	mg/L	U	03/17/2010 11:59			KMH
Sodium		15.3	mg/L		03/17/2010 11:59			KMH
Vanadium		0.018	mg/L		03/17/2010 11:59			KMH
Zinc		0.017	mg/L		03/17/2010 11:59			KMH

Samp Dup Precision for Metals by 200.7

Antimony		PASS	%		03/17/2010 11:56			KMH
Arsenic		15.4	%		03/17/2010 11:56			KMH
Barium		0.00	%		03/17/2010 11:56			KMH
Beryllium		PASS	%		03/17/2010 11:56			KMH
Cadmium		0.00	%		03/17/2010 11:56			KMH
Chromium		11.8	%		03/17/2010 11:56			KMH
Cobalt		14.0	%		03/17/2010 11:56			KMH
Copper		PASS	%		03/17/2010 11:56			KMH
Iron		0.00	%		03/17/2010 11:56			KMH
Lead		PASS	%		03/17/2010 11:56			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18397		QA Sample ID: AE31113						
Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454							
Samp Dup Precision for Metals by 200.7								
Nickel		0.00	%		03/17/2010 11:56			KMH
Selenium		PASS	%		03/17/2010 11:56			KMH
Silver		PASS	%		03/17/2010 11:56			KMH
Sodium		2.58	%		03/17/2010 11:56			KMH
Vanadium		5.40	%		03/17/2010 11:56			KMH
Zinc		0.00	%		03/17/2010 11:56			KMH
MS Result for Metals by 200.7								
Antimony		0.501	mg/L		03/17/2010 12:02			KMH
Arsenic		0.505	mg/L		03/17/2010 12:02			KMH
Barium		0.511	mg/L		03/17/2010 12:02			KMH
Beryllium		0.506	mg/L		03/17/2010 12:02			KMH
Cadmium		0.531	mg/L		03/17/2010 12:02			KMH
Chromium		0.510	mg/L		03/17/2010 12:02			KMH
Cobalt		0.522	mg/L		03/17/2010 12:02			KMH
Copper		0.518	mg/L		03/17/2010 12:02			KMH
Iron		9.32	mg/L		03/17/2010 12:02			KMH
Lead		0.500	mg/L		03/17/2010 12:02			KMH
Nickel		0.511	mg/L		03/17/2010 12:02			KMH
Selenium		0.494	mg/L		03/17/2010 12:02			KMH
Silver		0.512	mg/L		03/17/2010 12:02			KMH
Sodium		116	mg/L		03/17/2010 12:02			KMH
Vanadium		0.516	mg/L		03/17/2010 12:02			KMH
Zinc		0.505	mg/L		03/17/2010 12:02			KMH
MS Recovery for Metals by 200.7								
Antimony		100	%		03/17/2010 11:56			KMH
Arsenic		99.7	%		03/17/2010 11:56			KMH
Barium		99.0	%		03/17/2010 11:56			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18397 QA Sample ID: AE31113

Samples AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454

MS Recovery for Metals by 200.7

Beryllium	101	%	03/17/2010	11:56	KMH
Cadmium	106	%	03/17/2010	11:56	KMH
Chromium	102	%	03/17/2010	11:56	KMH
Cobalt	104	%	03/17/2010	11:56	KMH
Copper	104	%	03/17/2010	11:56	KMH
Iron	103	%	03/17/2010	11:56	KMH
Lead	100	%	03/17/2010	11:56	KMH
Nickel	102	%	03/17/2010	11:56	KMH
Selenium	98.8	%	03/17/2010	11:56	KMH
Silver	102	%	03/17/2010	11:56	KMH
Sodium	100	%	03/17/2010	11:56	KMH
Vanadium	99.4	%	03/17/2010	11:56	KMH
Zinc	97.6	%	03/17/2010	11:56	KMH

MS/MSD Precision for Metals by 200.7

Antimony	0.993	%	03/17/2010	12:02	KMH
Arsenic	1.18	%	03/17/2010	12:02	KMH
Barium	0.196	%	03/17/2010	12:02	KMH
Beryllium	0.591	%	03/17/2010	12:02	KMH
Cadmium	0.937	%	03/17/2010	12:02	KMH
Chromium	0.391	%	03/17/2010	12:02	KMH
Cobalt	0.953	%	03/17/2010	12:02	KMH
Copper	0.577	%	03/17/2010	12:02	KMH
Iron	0.214	%	03/17/2010	12:02	KMH
Lead	1.39	%	03/17/2010	12:02	KMH
Nickel	0.00	%	03/17/2010	12:02	KMH
Selenium	2.40	%	03/17/2010	12:02	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18397		QA Sample ID: AE31113							
Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454								
MS/MSD Precision for Metals by 200.7									
Silver		0.584	%		03/17/2010	12:02			KMH
Sodium		0.866	%		03/17/2010	12:02			KMH
Vanadium		0.772	%		03/17/2010	12:02			KMH
Zinc		0.00	%		03/17/2010	12:02			KMH
CCV Rec for Metals by 200.7									
Antimony		100	%		03/17/2010	12:44			KMH
Arsenic		99.3	%		03/17/2010	12:44			KMH
Barium		100	%		03/17/2010	12:44			KMH
Beryllium		102	%		03/17/2010	12:44			KMH
Cadmium		106	%		03/17/2010	12:44			KMH
Chromium		102	%		03/17/2010	12:44			KMH
Cobalt		106	%		03/17/2010	12:44			KMH
Copper		103	%		03/17/2010	12:44			KMH
Iron		97.6	%		03/17/2010	12:44			KMH
Lead		102	%		03/17/2010	12:44			KMH
Nickel		104	%		03/17/2010	12:44			KMH
Selenium		98.0	%		03/17/2010	12:44			KMH
Silver		101	%		03/17/2010	12:44			KMH
Sodium		104	%		03/17/2010	12:44			KMH
Vanadium		101	%		03/17/2010	12:44			KMH
Zinc		101	%		03/17/2010	12:44			KMH
Cont Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	13:01			KMH
Arsenic		<MDL	mg/L	U	03/17/2010	13:01			KMH
Barium		<MDL	mg/L	U	03/17/2010	13:01			KMH
Beryllium		<MDL	mg/L	U	03/17/2010	13:01			KMH
Cadmium		<MDL	mg/L	U	03/17/2010	13:01			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18397 QA Sample ID: AE31113

Samples AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454

Cont Blank for Metals by 200.7

Chromium		<MDL	mg/L	U	03/17/2010 13:01			KMH
Cobalt		<MDL	mg/L	U	03/17/2010 13:01			KMH
Copper		0.0008	mg/L	I	03/17/2010 13:01			KMH
Iron		<MDL	mg/L	U	03/17/2010 13:01			KMH
Lead		<MDL	mg/L	U	03/17/2010 13:01			KMH
Nickel		0.0008	mg/L	I	03/17/2010 13:01			KMH
Selenium		<MDL	mg/L	U	03/17/2010 13:01			KMH
Silver		<MDL	mg/L	U	03/17/2010 13:01			KMH
Sodium		0.021	mg/L	I	03/17/2010 13:01			KMH
Vanadium		<MDL	mg/L	U	03/17/2010 13:01			KMH
Zinc		<MDL	mg/L	U	03/17/2010 13:01			KMH

CCV for Metals by 200.7

Antimony		1.00	mg/L		03/17/2010 12:44			KMH
Arsenic		0.993	mg/L		03/17/2010 12:44			KMH
Barium		1.00	mg/L		03/17/2010 12:44			KMH
Beryllium		1.02	mg/L		03/17/2010 12:44			KMH
Cadmium		1.06	mg/L		03/17/2010 12:44			KMH
Chromium		1.02	mg/L		03/17/2010 12:44			KMH
Cobalt		1.06	mg/L		03/17/2010 12:44			KMH
Copper		1.03	mg/L		03/17/2010 12:44			KMH
Iron		12.2	mg/L		03/17/2010 12:44			KMH
Lead		1.02	mg/L		03/17/2010 12:44			KMH
Nickel		1.04	mg/L		03/17/2010 12:44			KMH
Selenium		0.980	mg/L		03/17/2010 12:44			KMH
Silver		0.504	mg/L		03/17/2010 12:44			KMH
Sodium		207	mg/L		03/17/2010 12:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18397		QA Sample ID: AE31113							
Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454								
CCV for Metals by 200.7									
Vanadium		1.01	mg/L		03/17/2010	12:44			KMH
Zinc		1.01	mg/L		03/17/2010	12:44			KMH
Initial Calibration for Metals by 200.7									
Antimony		1.00	mg/L		03/17/2010	10:36			KMH
Arsenic		0.992	mg/L		03/17/2010	10:36			KMH
Barium		1.02	mg/L		03/17/2010	10:36			KMH
Beryllium		1.02	mg/L		03/17/2010	10:36			KMH
Cadmium		1.05	mg/L		03/17/2010	10:36			KMH
Chromium		1.02	mg/L		03/17/2010	10:36			KMH
Cobalt		1.04	mg/L		03/17/2010	10:36			KMH
Copper		1.02	mg/L		03/17/2010	10:36			KMH
Iron		12.3	mg/L		03/17/2010	10:36			KMH
Lead		1.03	mg/L		03/17/2010	10:36			KMH
Nickel		1.04	mg/L		03/17/2010	10:36			KMH
Selenium		0.985	mg/L		03/17/2010	10:36			KMH
Silver		0.248	mg/L		03/17/2010	10:36			KMH
Sodium		98.1	mg/L		03/17/2010	10:36			KMH
Vanadium		1.02	mg/L		03/17/2010	10:36			KMH
Zinc		1.02	mg/L		03/17/2010	10:36			KMH
Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	11:56			KMH
Arsenic		0.007	mg/L		03/17/2010	11:56			KMH
Barium		0.016	mg/L		03/17/2010	11:56			KMH
Beryllium		<MDL	mg/L	U	03/17/2010	11:56			KMH
Cadmium		0.0004	mg/L	I	03/17/2010	11:56			KMH
Chromium		0.0008	mg/L	I	03/17/2010	11:56			KMH
Cobalt		0.0023	mg/L	I	03/17/2010	11:56			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name:	SICPWATER-18397	QA Sample ID:	AE31113
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Samples	AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454
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Metals by 200.7

Copper	<MDL	mg/L	U	03/17/2010 11:56	KMH
Iron	2.86	mg/L		03/17/2010 11:56	KMH
Lead	<MDL	mg/L	U	03/17/2010 11:56	KMH
Nickel	0.0032	mg/L	I	03/17/2010 11:56	KMH
Selenium	<MDL	mg/L	U	03/17/2010 11:56	KMH
Silver	<MDL	mg/L	U	03/17/2010 11:56	KMH
Sodium	15.7	mg/L		03/17/2010 11:56	KMH
Vanadium	0.019	mg/L		03/17/2010 11:56	KMH
Zinc	0.017	mg/L		03/17/2010 11:56	KMH

LCS for Metals by 200.7

Antimony	0.500	mg/L		03/17/2010 11:48	KMH
Arsenic	0.500	mg/L		03/17/2010 11:48	KMH
Barium	0.500	mg/L		03/17/2010 11:48	KMH
Beryllium	0.500	mg/L		03/17/2010 11:48	KMH
Cadmium	0.500	mg/L		03/17/2010 11:48	KMH
Chromium	0.500	mg/L		03/17/2010 11:48	KMH
Cobalt	0.500	mg/L		03/17/2010 11:48	KMH
Copper	0.500	mg/L		03/17/2010 11:48	KMH
Iron	10.5	mg/L		03/17/2010 11:48	KMH
Lead	0.500	mg/L		03/17/2010 11:48	KMH
Nickel	0.500	mg/L		03/17/2010 11:48	KMH
Selenium	0.500	mg/L		03/17/2010 11:48	KMH
Silver	0.500	mg/L		03/17/2010 11:48	KMH
Sodium	10.5	mg/L		03/17/2010 11:48	KMH
Vanadium	0.500	mg/L		03/17/2010 11:48	KMH
Zinc	0.500	mg/L		03/17/2010 11:48	KMH

LCS Result for Metals by 200.7

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18397 QA Sample ID: AE31113

Samples AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454

LCS Result for Metals by 200.7

Antimony	0.510	mg/L	03/17/2010	11:48	KMH
Arsenic	0.499	mg/L	03/17/2010	11:48	KMH
Barium	0.510	mg/L	03/17/2010	11:48	KMH
Beryllium	0.516	mg/L	03/17/2010	11:48	KMH
Cadmium	0.538	mg/L	03/17/2010	11:48	KMH
Chromium	0.518	mg/L	03/17/2010	11:48	KMH
Cobalt	0.537	mg/L	03/17/2010	11:48	KMH
Copper	0.520	mg/L	03/17/2010	11:48	KMH
Iron	10.3	mg/L	03/17/2010	11:48	KMH
Lead	0.518	mg/L	03/17/2010	11:48	KMH
Nickel	0.523	mg/L	03/17/2010	11:48	KMH
Selenium	0.496	mg/L	03/17/2010	11:48	KMH
Silver	0.510	mg/L	03/17/2010	11:48	KMH
Sodium	10.8	mg/L	03/17/2010	11:48	KMH
Vanadium	0.513	mg/L	03/17/2010	11:48	KMH
Zinc	0.508	mg/L	03/17/2010	11:48	KMH

MSD Recovery for Metals by 200.7

Antimony	101	%	03/17/2010	11:56	KMH
Arsenic	101	%	03/17/2010	11:56	KMH
Barium	99.2	%	03/17/2010	11:56	KMH
Beryllium	102	%	03/17/2010	11:56	KMH
Cadmium	107	%	03/17/2010	11:56	KMH
Chromium	102	%	03/17/2010	11:56	KMH
Cobalt	105	%	03/17/2010	11:56	KMH
Copper	104	%	03/17/2010	11:56	KMH
Iron	104	%	03/17/2010	11:56	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18397 QA Sample ID: AE31113

Samples AE30443 AE30444 AE30445 AE30447 AE30448 AE30452 AE30453 AE30454

MSD Recovery for Metals by 200.7

Lead	101	%	03/17/2010	11:56	KMH
Nickel	102	%	03/17/2010	11:56	KMH
Selenium	101	%	03/17/2010	11:56	KMH
Silver	103	%	03/17/2010	11:56	KMH
Sodium	99.3	%	03/17/2010	11:56	KMH
Vanadium	100	%	03/17/2010	11:56	KMH
Zinc	97.6	%	03/17/2010	11:56	KMH

MSD Result for Metals by 200.7

Antimony	0.506	mg/L	03/17/2010	12:05	KMH
Arsenic	0.511	mg/L	03/17/2010	12:05	KMH
Barium	0.512	mg/L	03/17/2010	12:05	KMH
Beryllium	0.509	mg/L	03/17/2010	12:05	KMH
Cadmium	0.536	mg/L	03/17/2010	12:05	KMH
Chromium	0.512	mg/L	03/17/2010	12:05	KMH
Cobalt	0.527	mg/L	03/17/2010	12:05	KMH
Copper	0.521	mg/L	03/17/2010	12:05	KMH
Iron	9.34	mg/L	03/17/2010	12:05	KMH
Lead	0.507	mg/L	03/17/2010	12:05	KMH
Nickel	0.511	mg/L	03/17/2010	12:05	KMH
Selenium	0.506	mg/L	03/17/2010	12:05	KMH
Silver	0.515	mg/L	03/17/2010	12:05	KMH
Sodium	115	mg/L	03/17/2010	12:05	KMH
Vanadium	0.520	mg/L	03/17/2010	12:05	KMH
Zinc	0.505	mg/L	03/17/2010	12:05	KMH

Batch Name: SICPWATER-18398 QA Sample ID: AE30885

Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name:	SICPWATER-18398	QA Sample ID:	AE30885
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Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459
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Method Blank for Metals by 200.7

Antimony	<MDL	mg/L	U	03/17/2010 11:40	KMH
Arsenic	<MDL	mg/L	U	03/17/2010 11:40	KMH
Barium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Beryllium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Cadmium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Chromium	0.0008	mg/L	I	03/17/2010 11:40	KMH
Cobalt	<MDL	mg/L	U	03/17/2010 11:40	KMH
Copper	<MDL	mg/L	U	03/17/2010 11:40	KMH
Iron	<MDL	mg/L	U	03/17/2010 11:40	KMH
Lead	<MDL	mg/L	U	03/17/2010 11:40	KMH
Molybdenum	<MDL	mg/L	U	03/17/2010 11:40	KMH
Nickel	0.0009	mg/L	I	03/17/2010 11:40	KMH
Selenium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Silver	<MDL	mg/L	U	03/17/2010 11:40	KMH
Sodium	0.023	mg/L	I	03/17/2010 11:40	KMH
Thallium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Vanadium	<MDL	mg/L	U	03/17/2010 11:40	KMH
Zinc	<MDL	mg/L	U	03/17/2010 11:40	KMH

Int Calb Rec for Metals by 200.7

Antimony	100	%	03/17/2010 10:36	KMH
Arsenic	99.2	%	03/17/2010 10:36	KMH
Barium	102	%	03/17/2010 10:36	KMH
Beryllium	102	%	03/17/2010 10:36	KMH
Cadmium	105	%	03/17/2010 10:36	KMH
Chromium	102	%	03/17/2010 10:36	KMH
Cobalt	104	%	03/17/2010 10:36	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885						
Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
Int Calb Rec for Metals by 200.7								
Copper		102	%		03/17/2010 10:36			KMH
Iron		98.4	%		03/17/2010 10:36			KMH
Lead		103	%		03/17/2010 10:36			KMH
Molybdenum		101	%		03/17/2010 10:36			KMH
Nickel		104	%		03/17/2010 10:36			KMH
Selenium		98.5	%		03/17/2010 10:36			KMH
Silver		99.2	%		03/17/2010 10:36			KMH
Sodium		98.1	%		03/17/2010 10:36			KMH
Thallium		103	%		03/17/2010 10:36			KMH
Vanadium		102	%		03/17/2010 10:36			KMH
Zinc		102	%		03/17/2010 10:36			KMH
LCS Recovery for Metals by 200.7								
Antimony		100	%		03/17/2010 13:09			KMH
Arsenic		100	%		03/17/2010 13:09			KMH
Barium		101	%		03/17/2010 13:09			KMH
Beryllium		103	%		03/17/2010 13:09			KMH
Cadmium		103	%		03/17/2010 13:09			KMH
Chromium		104	%		03/17/2010 13:09			KMH
Cobalt		106	%		03/17/2010 13:09			KMH
Copper		104	%		03/17/2010 13:09			KMH
Iron		97.1	%		03/17/2010 13:09			KMH
Lead		103	%		03/17/2010 13:09			KMH
Molybdenum		101	%		03/17/2010 13:09			KMH
Nickel		105	%		03/17/2010 13:09			KMH
Selenium		98.4	%		03/17/2010 13:09			KMH
Silver		102	%		03/17/2010 13:09			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885							
Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459									
LCS Recovery for Metals by 200.7									
Sodium		103	%		03/17/2010	13:09			KMH
Thallium		101	%		03/17/2010	13:09			KMH
Vanadium		102	%		03/17/2010	13:09			KMH
Zinc		102	%		03/17/2010	13:09			KMH
Sample Dup for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	13:20			KMH
Arsenic		0.005	mg/L	I	03/17/2010	13:20			KMH
Barium		0.138	mg/L		03/17/2010	13:20			KMH
Beryllium		<MDL	mg/L	U	03/17/2010	13:20			KMH
Cadmium		0.0002	mg/L	I	03/17/2010	13:20			KMH
Chromium		0.006	mg/L		03/17/2010	13:20			KMH
Cobalt		0.017	mg/L		03/17/2010	13:20			KMH
Copper		0.014	mg/L		03/17/2010	13:20			KMH
Iron		14.3	mg/L		03/17/2010	13:20			KMH
Lead		<MDL	mg/L	U	03/17/2010	13:20			KMH
Molybdenum		0.0036	mg/L	I	03/17/2010	13:20			KMH
Nickel		0.017	mg/L		03/17/2010	13:20			KMH
Selenium		0.008	mg/L		03/17/2010	13:20			KMH
Silver		0.0006	mg/L	I	03/17/2010	13:20			KMH
Sodium		374	mg/L		03/17/2010	13:20			KMH
Thallium		<MDL	mg/L	U	03/17/2010	13:20			KMH
Vanadium		0.033	mg/L		03/17/2010	13:20			KMH
Zinc		0.020	mg/L		03/17/2010	13:20			KMH
Samp Dup Precision for Metals by 200.7									
Antimony		PASS	%		03/17/2010	13:17			KMH
Arsenic		0.00	%		03/17/2010	13:17			KMH
Barium		0.722	%		03/17/2010	13:17			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885							
Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
Samp Dup Precision for Metals by 200.7									
Beryllium		PASS	%		03/17/2010	13:17			KMH
Cadmium		0.00	%		03/17/2010	13:17			KMH
Chromium		0.00	%		03/17/2010	13:17			KMH
Cobalt		0.00	%		03/17/2010	13:17			KMH
Copper		0.00	%		03/17/2010	13:17			KMH
Iron		0.00	%		03/17/2010	13:17			KMH
Lead		0.572	%		03/17/2010	13:17			KMH
Molybdenum		8.00	%		03/17/2010	13:17			KMH
Nickel		0.00	%		03/17/2010	13:17			KMH
Selenium		28.6	%		03/17/2010	13:17			KMH
Silver		40.0	%		03/17/2010	13:17			KMH
Sodium		0.805	%		03/17/2010	13:17			KMH
Thallium		NOT PASS	%		03/17/2010	13:17			KMH
Vanadium		0.00	%		03/17/2010	13:17			KMH
Zinc		0.00	%		03/17/2010	13:17			KMH
MS Result for Metals by 200.7									
Antimony		0.532	mg/L		03/17/2010	13:23			KMH
Arsenic		0.555	mg/L		03/17/2010	13:23			KMH
Barium		0.663	mg/L		03/17/2010	13:23			KMH
Beryllium		0.538	mg/L		03/17/2010	13:23			KMH
Cadmium		0.560	mg/L		03/17/2010	13:23			KMH
Chromium		0.533	mg/L		03/17/2010	13:23			KMH
Cobalt		0.556	mg/L		03/17/2010	13:23			KMH
Copper		0.557	mg/L		03/17/2010	13:23			KMH
Iron		21.2	mg/L		03/17/2010	13:23			KMH
Lead		0.523	mg/L		03/17/2010	13:23			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name:	SICPWATER-18398	QA Sample ID:	AE30885
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Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459
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MS Result for Metals by 200.7

Molybdenum	0.516	mg/L	03/17/2010 13:23	KMH
Nickel	0.575	mg/L	03/17/2010 13:23	KMH
Selenium	0.548	mg/L	03/17/2010 13:23	KMH
Silver	0.541	mg/L	03/17/2010 13:23	KMH
Sodium	481	mg/L	03/17/2010 13:23	KMH
Thallium	0.497	mg/L	03/17/2010 13:23	KMH
Vanadium	0.544	mg/L	03/17/2010 13:23	KMH
Zinc	0.572	mg/L	03/17/2010 13:23	KMH

MS Recovery for Metals by 200.7

Antimony	106	%	03/17/2010 13:17	KMH
Arsenic	110	%	03/17/2010 13:17	KMH
Barium	105	%	03/17/2010 13:17	KMH
Beryllium	108	%	03/17/2010 13:17	KMH
Cadmium	112	%	03/17/2010 13:17	KMH
Chromium	105	%	03/17/2010 13:17	KMH
Cobalt	108	%	03/17/2010 13:17	KMH
Copper	109	%	03/17/2010 13:17	KMH
Iron	110	%	03/17/2010 13:17	KMH
Lead	105	%	03/17/2010 13:17	KMH
Molybdenum	102	%	03/17/2010 13:17	KMH
Nickel	112	%	03/17/2010 13:17	KMH
Selenium	108	%	03/17/2010 13:17	KMH
Silver	108	%	03/17/2010 13:17	KMH
Sodium	110	%	03/17/2010 13:17	KMH
Thallium	98.7	%	03/17/2010 13:17	KMH
Vanadium	102	%	03/17/2010 13:17	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885							
Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
MS Recovery for Metals by 200.7									
Zinc		110	%		03/17/2010	13:17			KMH
MS/MSD Precision for Metals by 200.7									
Antimony		0.188	%		03/17/2010	13:23			KMH
Arsenic		0.897	%		03/17/2010	13:23			KMH
Barium		0.751	%		03/17/2010	13:23			KMH
Beryllium		0.00	%		03/17/2010	13:23			KMH
Cadmium		0.178	%		03/17/2010	13:23			KMH
Chromium		4.40	%		03/17/2010	13:23			KMH
Cobalt		0.538	%		03/17/2010	13:23			KMH
Copper		1.25	%		03/17/2010	13:23			KMH
Iron		0.948	%		03/17/2010	13:23			KMH
Lead		0.572	%		03/17/2010	13:23			KMH
Molybdenum		0.387	%		03/17/2010	13:23			KMH
Nickel		0.00	%		03/17/2010	13:23			KMH
Selenium		0.183	%		03/17/2010	13:23			KMH
Silver		0.369	%		03/17/2010	13:23			KMH
Sodium		1.03	%		03/17/2010	13:23			KMH
Thallium		0.602	%		03/17/2010	13:23			KMH
Vanadium		0.733	%		03/17/2010	13:23			KMH
Zinc		0.175	%		03/17/2010	13:23			KMH
CCV Rec for Metals by 200.7									
Antimony		101	%		03/17/2010	14:21			KMH
Arsenic		101	%		03/17/2010	14:21			KMH
Barium		102	%		03/17/2010	14:21			KMH
Beryllium		104	%		03/17/2010	14:21			KMH
Cadmium		108	%		03/17/2010	14:21			KMH
Chromium		104	%		03/17/2010	14:21			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18398 QA Sample ID: AE30885

Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459

CCV Rec for Metals by 200.7

Cobalt		108	%		03/17/2010 14:21			KMH
Copper		106	%		03/17/2010 14:21			KMH
Iron		95.2	%		03/17/2010 14:21			KMH
Lead		104	%		03/17/2010 14:21			KMH
Molybdenum		102	%		03/17/2010 14:21			KMH
Nickel		106	%		03/17/2010 14:21			KMH
Selenium		100	%		03/17/2010 14:21			KMH
Silver		102	%		03/17/2010 14:21			KMH
Sodium		106	%		03/17/2010 14:21			KMH
Thallium		102	%		03/17/2010 14:21			KMH
Vanadium		103	%		03/17/2010 14:21			KMH
Zinc		103	%		03/17/2010 14:21			KMH

Cont Blank for Metals by 200.7

Antimony		0.0017	mg/L	I	03/17/2010 14:21			KMH
Arsenic		<MDL	mg/L	U	03/17/2010 14:21			KMH
Barium		<MDL	mg/L	U	03/17/2010 14:21			KMH
Beryllium		<MDL	mg/L	U	03/17/2010 14:21			KMH
Cadmium		0.0003	mg/L	I	03/17/2010 14:21			KMH
Chromium		<MDL	mg/L	U	03/17/2010 14:21			KMH
Cobalt		<MDL	mg/L	U	03/17/2010 14:21			KMH
Copper		0.0012	mg/L	I	03/17/2010 14:21			KMH
Iron		<MDL	mg/L	U	03/17/2010 14:21			KMH
Lead		<MDL	mg/L	U	03/17/2010 14:21			KMH
Molybdenum		<MDL	mg/L	U	03/17/2010 14:21			KMH
Nickel		0.0008	mg/L	I	03/17/2010 14:21			KMH
Selenium		<MDL	mg/L	U	03/17/2010 14:21			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885							
Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
Cont Blank for Metals by 200.7									
Silver		<MDL	mg/L	U	03/17/2010	14:21			KMH
Sodium		0.023	mg/L	I	03/17/2010	14:21			KMH
Thallium		<MDL	mg/L	U	03/17/2010	14:21			KMH
Vanadium		<MDL	mg/L	U	03/17/2010	14:21			KMH
Zinc		<MDL	mg/L	U	03/17/2010	14:21			KMH
CCV for Metals by 200.7									
Antimony		1.01	mg/L		03/17/2010	14:04			KMH
Arsenic		1.01	mg/L		03/17/2010	14:04			KMH
Barium		1.02	mg/L		03/17/2010	14:04			KMH
Beryllium		1.04	mg/L		03/17/2010	14:04			KMH
Cadmium		1.08	mg/L		03/17/2010	14:04			KMH
Chromium		1.04	mg/L		03/17/2010	14:04			KMH
Cobalt		1.08	mg/L		03/17/2010	14:04			KMH
Copper		1.06	mg/L		03/17/2010	14:04			KMH
Iron		11.9	mg/L		03/17/2010	14:04			KMH
Lead		1.04	mg/L		03/17/2010	14:04			KMH
Molybdenum		1.02	mg/L		03/17/2010	14:04			KMH
Nickel		1.06	mg/L		03/17/2010	14:04			KMH
Selenium		1.00	mg/L		03/17/2010	14:04			KMH
Silver		0.511	mg/L		03/17/2010	14:04			KMH
Sodium		212	mg/L		03/17/2010	14:04			KMH
Thallium		1.02	mg/L		03/17/2010	14:04			KMH
Vanadium		1.03	mg/L		03/17/2010	14:04			KMH
Zinc		1.03	mg/L		03/17/2010	14:04			KMH
Initial Calibration for Metals by 200.7									
Antimony		1.00	mg/L		03/17/2010	10:36			KMH
Arsenic		0.992	mg/L		03/17/2010	10:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885							
Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
Initial Calibration for Metals by 200.7									
Barium		1.02	mg/L		03/17/2010	10:36			KMH
Beryllium		1.02	mg/L		03/17/2010	10:36			KMH
Cadmium		1.05	mg/L		03/17/2010	10:36			KMH
Chromium		1.02	mg/L		03/17/2010	10:36			KMH
Cobalt		1.04	mg/L		03/17/2010	10:36			KMH
Copper		1.02	mg/L		03/17/2010	10:36			KMH
Iron		12.3	mg/L		03/17/2010	10:36			KMH
Lead		1.03	mg/L		03/17/2010	10:36			KMH
Molybdenum		1.01	mg/L		03/17/2010	10:36			KMH
Nickel		1.04	mg/L		03/17/2010	10:36			KMH
Selenium		0.985	mg/L		03/17/2010	10:36			KMH
Silver		0.248	mg/L		03/17/2010	10:36			KMH
Sodium		98.1	mg/L		03/17/2010	10:36			KMH
Thallium		1.03	mg/L		03/17/2010	10:36			KMH
Vanadium		1.02	mg/L		03/17/2010	10:36			KMH
Zinc		1.02	mg/L		03/17/2010	10:36			KMH
Metals by 200.7									
Antimony		<MDL	mg/L	U	03/17/2010	13:17			KMH
Arsenic		0.005	mg/L		03/17/2010	13:17			KMH
Barium		0.139	mg/L		03/17/2010	13:17			KMH
Beryllium		<MDL	mg/L	U	03/17/2010	13:17			KMH
Cadmium		0.0002	mg/L	I	03/17/2010	13:17			KMH
Chromium		0.006	mg/L		03/17/2010	13:17			KMH
Cobalt		0.017	mg/L		03/17/2010	13:17			KMH
Copper		0.014	mg/L		03/17/2010	13:17			KMH
Iron		14.3	mg/L		03/17/2010	13:17			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885						
Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459								
LCS for Metals by 200.7								
Vanadium		0.500	mg/L		03/17/2010 13:09			KMH
Zinc		0.500	mg/L		03/17/2010 13:09			KMH
LCS Result for Metals by 200.7								
Antimony		0.502	mg/L		03/17/2010 13:09			KMH
Arsenic		0.500	mg/L		03/17/2010 13:09			KMH
Barium		0.503	mg/L		03/17/2010 13:09			KMH
Beryllium		0.516	mg/L		03/17/2010 13:09			KMH
Cadmium		0.515	mg/L		03/17/2010 13:09			KMH
Chromium		0.518	mg/L		03/17/2010 13:09			KMH
Cobalt		0.529	mg/L		03/17/2010 13:09			KMH
Copper		0.522	mg/L		03/17/2010 13:09			KMH
Iron		10.2	mg/L		03/17/2010 13:09			KMH
Lead		0.514	mg/L		03/17/2010 13:09			KMH
Molybdenum		0.504	mg/L		03/17/2010 13:09			KMH
Nickel		0.525	mg/L		03/17/2010 13:09			KMH
Selenium		0.492	mg/L		03/17/2010 13:09			KMH
Silver		0.509	mg/L		03/17/2010 13:09			KMH
Sodium		10.8	mg/L		03/17/2010 13:09			KMH
Thallium		0.506	mg/L		03/17/2010 13:09			KMH
Vanadium		0.509	mg/L		03/17/2010 13:09			KMH
Zinc		0.509	mg/L		03/17/2010 13:09			KMH
MSD Recovery for Metals by 200.7								
Antimony		106	%		03/17/2010 13:17			KMH
Arsenic		111	%		03/17/2010 13:17			KMH
Barium		106	%		03/17/2010 13:17			KMH
Beryllium		108	%		03/17/2010 13:17			KMH
Cadmium		112	%		03/17/2010 13:17			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18398		QA Sample ID: AE30885						
Samples	AE30446 AE30455 AE30456 AE30457 AE30458 AE30459							

MSD Recovery for Metals by 200.7

Chromium	110	%	03/17/2010 13:17	KMH
Cobalt	108	%	03/17/2010 13:17	KMH
Copper	110	%	03/17/2010 13:17	KMH
Iron	107	%	03/17/2010 13:17	KMH
Lead	105	%	03/17/2010 13:17	KMH
Molybdenum	130	%	03/17/2010 13:17	KMH
Nickel	112	%	03/17/2010 13:17	KMH
Selenium	108	%	03/17/2010 13:17	KMH
Silver	109	%	03/17/2010 13:17	KMH
Sodium	115	%	03/17/2010 13:17	KMH
Thallium	99.3	%	03/17/2010 13:17	KMH
Vanadium	103	%	03/17/2010 13:17	KMH
Zinc	111	%	03/17/2010 13:17	KMH

MSD Result for Metals by 200.7

Antimony	0.531	mg/L	03/17/2010 13:26	KMH
Arsenic	0.560	mg/L	03/17/2010 13:26	KMH
Barium	0.668	mg/L	03/17/2010 13:26	KMH
Beryllium	0.538	mg/L	03/17/2010 13:26	KMH
Cadmium	0.561	mg/L	03/17/2010 13:26	KMH
Chromium	0.557	mg/L	03/17/2010 13:26	KMH
Cobalt	0.559	mg/L	03/17/2010 13:26	KMH
Copper	0.564	mg/L	03/17/2010 13:26	KMH
Iron	21.0	mg/L	03/17/2010 13:26	KMH
Lead	0.526	mg/L	03/17/2010 13:26	KMH
Molybdenum	0.518	mg/L	03/17/2010 13:26	KMH
Nickel	0.575	mg/L	03/17/2010 13:26	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-18398 QA Sample ID: AE30885

Samples AE30446 AE30455 AE30456 AE30457 AE30458 AE30459

MSD Result for Metals by 200.7

Selenium		0.547	mg/L		03/17/2010 13:26			KMH
Silver		0.543	mg/L		03/17/2010 13:26			KMH
Sodium		486	mg/L		03/17/2010 13:26			KMH
Thallium		0.500	mg/L		03/17/2010 13:26			KMH
Vanadium		0.548	mg/L		03/17/2010 13:26			KMH
Zinc		0.573	mg/L		03/17/2010 13:26			KMH

Batch Name: SICPWATER-18499 QA Sample ID: AE30451

Samples AE30442 AE30449 AE30450 AE30451

Method Blank for Metals by 200.7

Antimony		<MDL	mg/L	U	03/25/2010 11:28			KMH
Arsenic		<MDL	mg/L	U	03/25/2010 11:28			KMH
Barium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Beryllium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Cadmium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Chromium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Cobalt		<MDL	mg/L	U	03/25/2010 11:28			KMH
Copper		0.0006	mg/L	I	03/25/2010 11:28			KMH
Iron		<MDL	mg/L	U	03/25/2010 11:28			KMH
Lead		<MDL	mg/L	U	03/25/2010 11:28			KMH
Nickel		<MDL	mg/L	U	03/25/2010 11:28			KMH
Selenium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Silver		<MDL	mg/L	U	03/25/2010 11:28			KMH
Sodium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Vanadium		<MDL	mg/L	U	03/25/2010 11:28			KMH
Zinc		<MDL	mg/L	U	03/25/2010 11:28			KMH

Int Calb Rec for Metals by 200.7

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
Int Calb Rec for Metals by 200.7								
Antimony		98.1	%		03/25/2010 10:30			KMH
Arsenic		97.5	%		03/25/2010 10:30			KMH
Barium		101	%		03/25/2010 10:30			KMH
Beryllium		99.8	%		03/25/2010 10:30			KMH
Cadmium		103	%		03/25/2010 10:30			KMH
Chromium		100	%		03/25/2010 10:30			KMH
Cobalt		104	%		03/25/2010 10:30			KMH
Copper		99.1	%		03/25/2010 10:30			KMH
Iron		100	%		03/25/2010 10:30			KMH
Lead		102	%		03/25/2010 10:30			KMH
Nickel		102	%		03/25/2010 10:30			KMH
Selenium		96.4	%		03/25/2010 10:30			KMH
Silver		102	%		03/25/2010 10:30			KMH
Sodium		98.7	%		03/25/2010 10:30			KMH
Vanadium		100	%		03/25/2010 10:30			KMH
Zinc		101	%		03/25/2010 10:30			KMH
LCS Recovery for Metals by 200.7								
Antimony		100	%		03/25/2010 11:36			KMH
Arsenic		99.8	%		03/25/2010 11:36			KMH
Barium		102	%		03/25/2010 11:36			KMH
Beryllium		103	%		03/25/2010 11:36			KMH
Cadmium		105	%		03/25/2010 11:36			KMH
Chromium		102	%		03/25/2010 11:36			KMH
Cobalt		106	%		03/25/2010 11:36			KMH
Copper		102	%		03/25/2010 11:36			KMH
Iron		104	%		03/25/2010 11:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451							
Samples AE30442 AE30449 AE30450 AE30451									
LCS Recovery for Metals by 200.7									
Lead		103	%		03/25/2010	11:36			KMH
Nickel		103	%		03/25/2010	11:36			KMH
Selenium		99.4	%		03/25/2010	11:36			KMH
Silver		102	%		03/25/2010	11:36			KMH
Sodium		103	%		03/25/2010	11:36			KMH
Vanadium		102	%		03/25/2010	11:36			KMH
Zinc		102	%		03/25/2010	11:36			KMH
Sample Dup for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/25/2010	11:47			KMH
Arsenic		0.0014	mg/L	I	03/25/2010	11:47			KMH
Barium		0.0047	mg/L	I	03/25/2010	11:47			KMH
Beryllium		0.0002	mg/L	I	03/25/2010	11:47			KMH
Cadmium		<MDL	mg/L	U	03/25/2010	11:47			KMH
Chromium		0.006	mg/L		03/25/2010	11:47			KMH
Cobalt		0.0004	mg/L	I	03/25/2010	11:47			KMH
Copper		0.0009	mg/L	I	03/25/2010	11:47			KMH
Iron		7.43	mg/L		03/25/2010	11:47			KMH
Lead		<MDL	mg/L	U	03/25/2010	11:47			KMH
Nickel		0.0007	mg/L	I	03/25/2010	11:47			KMH
Selenium		<MDL	mg/L	U	03/25/2010	11:47			KMH
Silver		<MDL	mg/L	U	03/25/2010	11:47			KMH
Sodium		3.88	mg/L		03/25/2010	11:47			KMH
Vanadium		0.027	mg/L		03/25/2010	11:47			KMH
Zinc		0.0039	mg/L	I	03/25/2010	11:47			KMH
Samp Dup Precision for Metals by 200.7									
Antimony		PASS	%		03/25/2010	11:44			KMH
Arsenic		19.4	%		03/25/2010	11:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451							
Samples	AE30442 AE30449 AE30450 AE30451								
Samp Dup Precision for Metals by 200.7									
Barium		2.15	%		03/25/2010	11:44			KMH
Beryllium		40.0	%		03/25/2010	11:44			KMH
Cadmium		PASS	%		03/25/2010	11:44			KMH
Chromium		15.4	%		03/25/2010	11:44			KMH
Cobalt		0.00	%		03/25/2010	11:44			KMH
Copper		NOT PASS	%		03/25/2010	11:44			KMH
Iron		0.403	%		03/25/2010	11:44			KMH
Lead		PASS	%		03/25/2010	11:44			KMH
Nickel		15.4	%		03/25/2010	11:44			KMH
Selenium		PASS	%		03/25/2010	11:44			KMH
Silver		PASS	%		03/25/2010	11:44			KMH
Sodium		0.770	%		03/25/2010	11:44			KMH
Vanadium		0.00	%		03/25/2010	11:44			KMH
Zinc		0.00	%		03/25/2010	11:44			KMH
MS Result for Metals by 200.7									
Antimony		0.498	mg/L		03/25/2010	11:51			KMH
Arsenic		0.503	mg/L		03/25/2010	11:51			KMH
Barium		0.502	mg/L		03/25/2010	11:51			KMH
Beryllium		0.504	mg/L		03/25/2010	11:51			KMH
Cadmium		0.518	mg/L		03/25/2010	11:51			KMH
Chromium		0.507	mg/L		03/25/2010	11:51			KMH
Cobalt		0.515	mg/L		03/25/2010	11:51			KMH
Copper		0.506	mg/L		03/25/2010	11:51			KMH
Iron		14.2	mg/L		03/25/2010	11:51			KMH
Lead		0.502	mg/L		03/25/2010	11:51			KMH
Nickel		0.503	mg/L		03/25/2010	11:51			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
MS Result for Metals by 200.7								
Selenium		0.495	mg/L		03/25/2010 11:51			KMH
Silver		0.508	mg/L		03/25/2010 11:51			KMH
Sodium		107	mg/L		03/25/2010 11:51			KMH
Vanadium		0.525	mg/L		03/25/2010 11:51			KMH
Zinc		0.499	mg/L		03/25/2010 11:51			KMH
MS Recovery for Metals by 200.7								
Antimony		99.6	%		03/25/2010 11:44			KMH
Arsenic		100	%		03/25/2010 11:44			KMH
Barium		99.5	%		03/25/2010 11:44			KMH
Beryllium		101	%		03/25/2010 11:44			KMH
Cadmium		104	%		03/25/2010 11:44			KMH
Chromium		100	%		03/25/2010 11:44			KMH
Cobalt		103	%		03/25/2010 11:44			KMH
Copper		101	%		03/25/2010 11:44			KMH
Iron		108	%		03/25/2010 11:44			KMH
Lead		100	%		03/25/2010 11:44			KMH
Nickel		100	%		03/25/2010 11:44			KMH
Selenium		99.0	%		03/25/2010 11:44			KMH
Silver		102	%		03/25/2010 11:44			KMH
Sodium		103	%		03/25/2010 11:44			KMH
Vanadium		99.6	%		03/25/2010 11:44			KMH
Zinc		99.0	%		03/25/2010 11:44			KMH
MS/MSD Precision for Metals by 200.7								
Antimony		2.44	%		03/25/2010 11:51			KMH
Arsenic		3.03	%		03/25/2010 11:51			KMH
Barium		1.20	%		03/25/2010 11:51			KMH
Beryllium		1.20	%		03/25/2010 11:51			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
MS/MSD Precision for Metals by 200.7								
Cadmium		1.75	%		03/25/2010 11:51			KMH
Chromium		0.593	%		03/25/2010 11:51			KMH
Cobalt		1.76	%		03/25/2010 11:51			KMH
Copper		0.197	%		03/25/2010 11:51			KMH
Iron		0.00	%		03/25/2010 11:51			KMH
Lead		2.01	%		03/25/2010 11:51			KMH
Nickel		1.60	%		03/25/2010 11:51			KMH
Selenium		3.91	%		03/25/2010 11:51			KMH
Silver		0.394	%		03/25/2010 11:51			KMH
Sodium		1.89	%		03/25/2010 11:51			KMH
Vanadium		0.382	%		03/25/2010 11:51			KMH
Zinc		2.23	%		03/25/2010 11:51			KMH
CCV Rec for Metals by 200.7								
Antimony		97.8	%		03/25/2010 12:39			KMH
Arsenic		97.5	%		03/25/2010 12:39			KMH
Barium		100	%		03/25/2010 12:39			KMH
Beryllium		100	%		03/25/2010 12:39			KMH
Cadmium		103	%		03/25/2010 12:39			KMH
Chromium		101	%		03/25/2010 12:39			KMH
Cobalt		103	%		03/25/2010 12:39			KMH
Copper		102	%		03/25/2010 12:39			KMH
Iron		102	%		03/25/2010 12:39			KMH
Lead		100	%		03/25/2010 12:39			KMH
Nickel		102	%		03/25/2010 12:39			KMH
Selenium		96.9	%		03/25/2010 12:39			KMH
Silver		101	%		03/25/2010 12:39			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451							
Samples AE30442 AE30449 AE30450 AE30451									
CCV Rec for Metals by 200.7									
Sodium		106	%		03/25/2010	12:39			KMH
Vanadium		101	%		03/25/2010	12:39			KMH
Zinc		100	%		03/25/2010	12:39			KMH
Cont Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	03/25/2010	12:57			KMH
Arsenic		<MDL	mg/L	U	03/25/2010	12:57			KMH
Barium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Beryllium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Cadmium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Chromium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Cobalt		<MDL	mg/L	U	03/25/2010	12:57			KMH
Copper		<MDL	mg/L	U	03/25/2010	12:57			KMH
Iron		<MDL	mg/L	U	03/25/2010	12:57			KMH
Lead		<MDL	mg/L	U	03/25/2010	12:57			KMH
Nickel		<MDL	mg/L	U	03/25/2010	12:57			KMH
Selenium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Silver		<MDL	mg/L	U	03/25/2010	12:57			KMH
Sodium		0.049	mg/L	I	03/25/2010	12:57			KMH
Vanadium		<MDL	mg/L	U	03/25/2010	12:57			KMH
Zinc		<MDL	mg/L	U	03/25/2010	12:57			KMH
CCV for Metals by 200.7									
Antimony		0.978	mg/L		03/25/2010	12:39			KMH
Arsenic		0.975	mg/L		03/25/2010	12:39			KMH
Barium		1.00	mg/L		03/25/2010	12:39			KMH
Beryllium		1.00	mg/L		03/25/2010	12:39			KMH
Cadmium		1.03	mg/L		03/25/2010	12:39			KMH
Chromium		1.01	mg/L		03/25/2010	12:39			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
CCV for Metals by 200.7								
Cobalt		1.03	mg/L		03/25/2010 12:39			KMH
Copper		1.02	mg/L		03/25/2010 12:39			KMH
Iron		12.8	mg/L		03/25/2010 12:39			KMH
Lead		1.00	mg/L		03/25/2010 12:39			KMH
Nickel		1.02	mg/L		03/25/2010 12:39			KMH
Selenium		0.969	mg/L		03/25/2010 12:39			KMH
Silver		0.506	mg/L		03/25/2010 12:39			KMH
Sodium		211	mg/L		03/25/2010 12:39			KMH
Vanadium		1.01	mg/L		03/25/2010 12:39			KMH
Zinc		1.00	mg/L		03/25/2010 12:39			KMH
Initial Calibration for Metals by 200.7								
Antimony		0.981	mg/L		03/25/2010 10:30			KMH
Arsenic		0.975	mg/L		03/25/2010 10:30			KMH
Barium		1.01	mg/L		03/25/2010 10:30			KMH
Beryllium		0.998	mg/L		03/25/2010 10:30			KMH
Cadmium		1.03	mg/L		03/25/2010 10:30			KMH
Chromium		1.00	mg/L		03/25/2010 10:30			KMH
Cobalt		1.04	mg/L		03/25/2010 10:30			KMH
Copper		0.991	mg/L		03/25/2010 10:30			KMH
Iron		12.5	mg/L		03/25/2010 10:30			KMH
Lead		1.02	mg/L		03/25/2010 10:30			KMH
Nickel		1.02	mg/L		03/25/2010 10:30			KMH
Selenium		0.964	mg/L		03/25/2010 10:30			KMH
Silver		0.256	mg/L		03/25/2010 10:30			KMH
Sodium		98.7	mg/L		03/25/2010 10:30			KMH
Vanadium		1.00	mg/L		03/25/2010 10:30			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451							
Samples AE30442 AE30449 AE30450 AE30451									
Initial Calibration for Metals by 200.7									
Zinc		1.01	mg/L		03/25/2010	10:30			KMH
Metals by 200.7									
Antimony		<MDL	mg/L	U	03/25/2010	11:44			KMH
Arsenic		0.0017	mg/L	I	03/25/2010	11:44			KMH
Barium		0.0046	mg/L	I	03/25/2010	11:44			KMH
Beryllium		0.0003	mg/L	I	03/25/2010	11:44			KMH
Cadmium		<MDL	mg/L	U	03/25/2010	11:44			KMH
Chromium		0.007	mg/L		03/25/2010	11:44			KMH
Cobalt		0.0004	mg/L	I	03/25/2010	11:44			KMH
Copper		<MDL	mg/L	U	03/25/2010	11:44			KMH
Iron		7.46	mg/L		03/25/2010	11:44			KMH
Lead		<MDL	mg/L	U	03/25/2010	11:44			KMH
Nickel		0.0006	mg/L	I	03/25/2010	11:44			KMH
Selenium		<MDL	mg/L	U	03/25/2010	11:44			KMH
Silver		<MDL	mg/L	U	03/25/2010	11:44			KMH
Sodium		3.91	mg/L		03/25/2010	11:44			KMH
Vanadium		0.027	mg/L		03/25/2010	11:44			KMH
Zinc		0.0039	mg/L	I	03/25/2010	11:44			KMH
LCS for Metals by 200.7									
Antimony		0.500	mg/L		03/25/2010	11:36			KMH
Arsenic		0.500	mg/L		03/25/2010	11:36			KMH
Barium		0.500	mg/L		03/25/2010	11:36			KMH
Beryllium		0.500	mg/L		03/25/2010	11:36			KMH
Cadmium		0.500	mg/L		03/25/2010	11:36			KMH
Chromium		0.500	mg/L		03/25/2010	11:36			KMH
Cobalt		0.500	mg/L		03/25/2010	11:36			KMH
Copper		0.500	mg/L		03/25/2010	11:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
LCS for Metals by 200.7								
Iron		10.5	mg/L		03/25/2010 11:36			KMH
Lead		0.500	mg/L		03/25/2010 11:36			KMH
Nickel		0.500	mg/L		03/25/2010 11:36			KMH
Selenium		0.500	mg/L		03/25/2010 11:36			KMH
Silver		0.500	mg/L		03/25/2010 11:36			KMH
Sodium		10.5	mg/L		03/25/2010 11:36			KMH
Vanadium		0.500	mg/L		03/25/2010 11:36			KMH
Zinc		0.500	mg/L		03/25/2010 11:36			KMH
LCS Result for Metals by 200.7								
Antimony		0.502	mg/L		03/25/2010 11:36			KMH
Arsenic		0.499	mg/L		03/25/2010 11:36			KMH
Barium		0.511	mg/L		03/25/2010 11:36			KMH
Beryllium		0.513	mg/L		03/25/2010 11:36			KMH
Cadmium		0.525	mg/L		03/25/2010 11:36			KMH
Chromium		0.510	mg/L		03/25/2010 11:36			KMH
Cobalt		0.529	mg/L		03/25/2010 11:36			KMH
Copper		0.508	mg/L		03/25/2010 11:36			KMH
Iron		10.9	mg/L		03/25/2010 11:36			KMH
Lead		0.517	mg/L		03/25/2010 11:36			KMH
Nickel		0.517	mg/L		03/25/2010 11:36			KMH
Selenium		0.497	mg/L		03/25/2010 11:36			KMH
Silver		0.510	mg/L		03/25/2010 11:36			KMH
Sodium		10.8	mg/L		03/25/2010 11:36			KMH
Vanadium		0.511	mg/L		03/25/2010 11:36			KMH
Zinc		0.510	mg/L		03/25/2010 11:36			KMH
MSD Recovery for Metals by 200.7								
Antimony		97.2	%		03/25/2010 11:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
MSD Recovery for Metals by 200.7								
Arsenic		97.3	%		03/25/2010 11:44			KMH
Barium		98.3	%		03/25/2010 11:44			KMH
Beryllium		99.5	%		03/25/2010 11:44			KMH
Cadmium		102	%		03/25/2010 11:44			KMH
Chromium		99.4	%		03/25/2010 11:44			KMH
Cobalt		101	%		03/25/2010 11:44			KMH
Copper		101	%		03/25/2010 11:44			KMH
Iron		108	%		03/25/2010 11:44			KMH
Lead		98.4	%		03/25/2010 11:44			KMH
Nickel		98.9	%		03/25/2010 11:44			KMH
Selenium		95.2	%		03/25/2010 11:44			KMH
Silver		101	%		03/25/2010 11:44			KMH
Sodium		101	%		03/25/2010 11:44			KMH
Vanadium		99.2	%		03/25/2010 11:44			KMH
Zinc		96.8	%		03/25/2010 11:44			KMH
MSD Result for Metals by 200.7								
Antimony		0.486	mg/L		03/25/2010 11:54			KMH
Arsenic		0.488	mg/L		03/25/2010 11:54			KMH
Barium		0.496	mg/L		03/25/2010 11:54			KMH
Beryllium		0.498	mg/L		03/25/2010 11:54			KMH
Cadmium		0.509	mg/L		03/25/2010 11:54			KMH
Chromium		0.504	mg/L		03/25/2010 11:54			KMH
Cobalt		0.506	mg/L		03/25/2010 11:54			KMH
Copper		0.507	mg/L		03/25/2010 11:54			KMH
Iron		14.2	mg/L		03/25/2010 11:54			KMH
Lead		0.492	mg/L		03/25/2010 11:54			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-18499		QA Sample ID: AE30451							
Samples AE30442 AE30449 AE30450 AE30451									
MSD Result for Metals by 200.7									
Nickel		0.495	mg/L		03/25/2010	11:54			KMH
Selenium		0.476	mg/L		03/25/2010	11:54			KMH
Silver		0.506	mg/L		03/25/2010	11:54			KMH
Sodium		105	mg/L		03/25/2010	11:54			KMH
Vanadium		0.523	mg/L		03/25/2010	11:54			KMH
Zinc		0.488	mg/L		03/25/2010	11:54			KMH
Batch Name: AMM-18404		QA Sample ID: AE30456							
Samples AE30445 AE30446 AE30447 AE30448 AE30452 AE30456 AE30457 AE30459									
Ammonia		1.06	mg/L		03/16/2010	13:02			IR
Sample Dup for Ammonia		1.05	mg/L		03/16/2010	13:03			IR
Samp Dup Precision for Ammonia		0.948	%		03/16/2010	13:02			IR
Cont Calb Rec for Ammonia		99.0	%		03/16/2010	13:15			IR
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	03/16/2010	13:16			IR
Method Blank for Ammonia		<MDL	mg/L	U	03/16/2010	13:00			IR
Continuous Calibration for Ammonia		2.97	mg/L		03/16/2010	13:15			IR
Initial Calibration for Ammonia		1.02	mg/L		03/16/2010	13:01			IR
Int Calb Rec for Ammonia		102	%		03/16/2010	13:01			IR
Batch Name: AMM-18404A		QA Sample ID: AE30459							
Samples AE30445 AE30446 AE30447 AE30448 AE30452 AE30456 AE30457 AE30459									
Ammonia		1.56	mg/L		03/16/2010	13:04			IR
Amt Spiked for Ammonia		0.500	mg/L		03/16/2010	13:06			IR
MS Result for Ammonia		2.07	mg/L		03/16/2010	13:06			IR
MS Recovery for Ammonia		102	%		03/16/2010	13:04			IR
Batch Name: AMM-18453		QA Sample ID: AE31251							
Samples AE30443 AE30444 AE30453 AE30454 AE30455 AE30458									

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: AMM-18453		QA Sample ID: AE31251							
Samples	AE30443 AE30444 AE30453 AE30454 AE30455 AE30458								
Ammonia		6.44	mg/L		03/22/2010	10:17			AMC
Sample Dup for Ammonia		6.41	mg/L		03/22/2010	10:18			AMC
Samp Dup Precision for Ammonia		0.467	%		03/22/2010	10:18			AMC
Cont Calb Rec for Ammonia		97.0	%		03/22/2010	10:30			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	03/22/2010	10:31			AMC
Method Blank for Ammonia		<MDL	mg/L	U	03/22/2010	10:15			AMC
Continuous Calibration for Ammonia		2.91	mg/L		03/22/2010	10:30			AMC
Initial Calibration for Ammonia		0.989	mg/L		03/22/2010	10:16			AMC
Int Calb Rec for Ammonia		98.9	%		03/22/2010	10:16			AMC
Batch Name: AMM-18453A		QA Sample ID: AE30443							
Samples	AE30443 AE30444 AE30453 AE30454 AE30455 AE30458								
Ammonia		0.164	mg/L		03/22/2010	10:19			AMC
Amt Spiked for Ammonia		0.500	mg/L		03/22/2010	10:20			AMC
MS Result for Ammonia		0.640	mg/L		03/22/2010	10:20			AMC
MS Recovery for Ammonia		95.2	%		03/22/2010	10:20			AMC
Batch Name: AMM-18457		QA Sample ID: AE30463							
Samples	AE30442 AE30450 AE30451								
Ammonia		9.17	mg/L		03/22/2010	10:47			AMC
Sample Dup for Ammonia		9.19	mg/L		03/22/2010	10:48			AMC
Samp Dup Precision for Ammonia		0.218	%		03/22/2010	10:48			AMC
Cont Calb Rec for Ammonia		96.7	%		03/22/2010	10:59			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	03/22/2010	11:00			AMC
Continuous Calibration for Ammonia		2.90	mg/L		03/22/2010	10:59			AMC
Batch Name: AMM-18457A		QA Sample ID: AE30442							
Samples	AE30442 AE30450 AE30451								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: AMM-18457A		QA Sample ID: AE30442							
Samples AE30442 AE30450 AE30451									
Ammonia		0.219	mg/L		03/22/2010	10:48			AMC
Amt Spiked for Ammonia		0.500	mg/L		03/22/2010	10:50			AMC
MS Result for Ammonia		0.709	mg/L		03/22/2010	10:50			AMC
MS Recovery for Ammonia		98.0	%		03/22/2010	10:50			AMC
Batch Name: AMM-18460		QA Sample ID: AE31414							
Samples AE30449									
Ammonia		22.0	mg/L		03/22/2010	12:19			AMC
Sample Dup for Ammonia		22.0	mg/L		03/22/2010	12:20			AMC
Samp Dup Precision for Ammonia		0.00	%		03/22/2010	12:20			AMC
Cont Calb Rec for Ammonia		97.0	%		03/22/2010	12:32			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	03/22/2010	12:33			AMC
Method Blank for Ammonia		<MDL	mg/L	U	03/22/2010	12:17			AMC
Continuous Calibration for Ammonia		2.91	mg/L		03/22/2010	12:32			AMC
Initial Calibration for Ammonia		0.994	mg/L		03/22/2010	12:18			AMC
Int Calb Rec for Ammonia		99.4	%		03/22/2010	12:18			AMC
Batch Name: AMM-18460A		QA Sample ID: AE30449							
Samples AE30449									
Ammonia		0.575	mg/L		03/22/2010	12:21			AMC
Amt Spiked for Ammonia		0.500	mg/L		03/22/2010	12:28			AMC
MS Result for Ammonia		1.04	mg/L		03/22/2010	12:28			AMC
MS Recovery for Ammonia		93.0	%		03/22/2010	12:28			AMC
Batch Name: CLIC-18363		QA Sample ID: AE31157							
Samples AE30443 AE30444 AE30452 AE30453 AE30454 AE30455									
Amt Spiked for Chloride		40.0	mg/L		03/12/2010	15:16			AMC
Method Blank for Chloride		<MDL	mg/L		03/12/2010	14:11			AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: CLIC-18363		QA Sample ID: AE31157						
Samples	AE30443 AE30444 AE30452 AE30453 AE30454 AE30455							
Cont. Blank for Chloride		0.160	mg/L		03/12/2010 18:31			AMC
Cont. Cal. for Chloride		204	mg/L		03/12/2010 18:14			AMC
Cont Calb Rec for Chloride		102	%		03/12/2010 18:15			AMC
Chloride by Ion Chromatography		85.2	mg/L		03/12/2010 14:43			AMC
Sample Dup for Chloride		87.9	mg/L		03/12/2010 15:00			AMC
Init. CaL. for Chloride		29.4	mg/L		03/12/2010 14:27			AMC
Int Calb Conc for Chloride		30.2	mg/L		03/12/2010 14:27			AMC
Int Calb Rec for Chloride		97.4	%		03/12/2010 14:27			AMC
Samp Dup Prec for Chloride		3.12	%		03/12/2010 15:00			AMC
MS Recovery for Chloride		102	%		03/12/2010 15:16			AMC
MS Result for Chloride		126	mg/L		03/12/2010 15:16			AMC
Batch Name: CLIC-18395		QA Sample ID: AE30448						
Samples	AE30445 AE30446 AE30447 AE30448 AE30456 AE30457 AE30458 AE30459							
Amt Spiked for Chloride		40.0	mg/L		03/17/2010 00:52			AMC
Cont. Blank for Chloride		<MDL	mg/L	U	03/17/2010 00:52			AMC
Cont. Cal. for Chloride		200	mg/L		03/17/2010 03:35			AMC
Cont Calb Rec for Chloride		100	%		03/17/2010 00:36			AMC
Chloride by Ion Chromatography		41.6	mg/L		03/17/2010 00:36			AMC
Sample Dup for Chloride		41.6	mg/L		03/17/2010 00:36			AMC
Samp Dup Prec for Chloride		0.00	%		03/17/2010 00:36			AMC
MS Recovery for Chloride		98.8	%		03/17/2010 00:36			AMC
MS Result for Chloride		81.1	mg/L		03/17/2010 00:52			AMC
Batch Name: CLIC-18427		QA Sample ID: AE30449						
Samples	AE30442 AE30449 AE30450 AE30451							
Amt Spiked for Chloride		50.0	mg/L		03/18/2010 16:56			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: CLIC-18427		QA Sample ID: AE30449							
Samples	AE30442 AE30449 AE30450 AE30451								
Method Blank for Chloride		0.152	mg/L		03/18/2010	15:51			EMM
Cont. Blank for Chloride		<MDL	mg/L	U	03/18/2010	19:38			EMM
Cont. Cal. for Chloride		204	mg/L		03/18/2010	19:22			EMM
Cont Calb Rec for Chloride		102	%		03/18/2010	19:22			EMM
Chloride by Ion Chromatography		64.6	mg/L		03/18/2010	16:23			EMM
Sample Dup for Chloride		63.2	mg/L		03/18/2010	16:39			EMM
Init. CaL. for Chloride		30.1	mg/L		03/18/2010	16:07			EMM
Int Calb Conc for Chloride		30.2	mg/L		03/18/2010	16:07			EMM
Int Calb Rec for Chloride		99.7	%		03/18/2010	16:07			EMM
Samp Dup Prec for Chloride		2.19	%		03/18/2010	16:23			EMM
MS Recovery for Chloride		96.8	%		03/18/2010	16:23			EMM
MS Result for Chloride		113	mg/L		03/18/2010	16:56			EMM
Batch Name: HG-18413		QA Sample ID: AE31056							
Samples	AE30443 AE30444 AE30445 AE30446								
Method Blank for Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	14:02			KMH
Cont.Cal. Blank for Mercury		<MDL	ug/L	U	03/18/2010	14:55			KMH
Continuous Calibration for Mercury Cold		2.58	ug/L		03/18/2010	14:50			KMH
Cont Calb Rec for Mercury Cold Vapor		103	%		03/18/2010	14:50			KMH
Sample Dup for Mercury Cold Vapor		18.8	ug/L		03/18/2010	16:13			KMH
Mercury Cold Vapor		18.4	ug/L		03/18/2010	16:10			KMH
Initial Calibration for Mercury Cold Vap		2.69	ug/L		03/18/2010	14:04			KMH
Int Calb Rec for Mercury Cold Vapor		108	%		03/18/2010	14:10			KMH
Lab Control for Mercury Cold Vapor		2.14	ug/L		03/18/2010	14:10			KMH
LCS Recovery for Mercury Cold Vapor		107	%		03/18/2010	14:10			KMH
Samp Dup Precision for Mercury		2.15	%		03/18/2010	16:10			KMH
MS Recovery for Mercury Cold Vapor		130	%		03/18/2010	16:10			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: HG-18413		QA Sample ID: AE31056							
Samples	AE30443 AE30444 AE30445 AE30446								
Reagent Blank for Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	13:59			KMH
MS Result for Mercury Cold Vapor		21.0	ug/L		03/18/2010	16:15			KMH
Init Cal Conc. for Hg for Mercury Cold V		2.50	ug/L		03/18/2010	14:07			KMH
Init Cal Rec for Hg for Mercury Cold Vap		104	%		03/18/2010	14:07			KMH
Init Cal for HG for Mercury Cold Vapor		2.59	ug/L		03/18/2010	14:07			KMH
Batch Name: HG-18414		QA Sample ID: AE30447							
Samples	AE30447 AE30448 AE30452 AE30453 AE30454 AE30455 AE30456 AE30457 AE30458 AE30459								
Method Blank for Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	14:02			KMH
Cont.Cal. Blank for Mercury		<MDL	ug/L	U	03/18/2010	15:43			KMH
Continuous Calibration for Mercury Cold		2.57	ug/L		03/18/2010	15:38			KMH
Cont Calb Rec for Mercury Cold Vapor		103	%		03/18/2010	15:38			KMH
Sample Dup for Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	15:09			KMH
Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	15:06			KMH
Initial Calibration for Mercury Cold Vap		2.69	ug/L		03/18/2010	14:04			KMH
Int Calb Rec for Mercury Cold Vapor		108	%		03/18/2010	14:04			KMH
Lab Control for Mercury Cold Vapor		2.14	ug/L		03/18/2010	14:10			KMH
LCS Recovery for Mercury Cold Vapor		107	%		03/18/2010	14:10			KMH
Samp Dup Precision for Mercury		PASS	%		03/18/2010	15:06			KMH
MS Recovery for Mercury Cold Vapor		106	%		03/18/2010	15:06			KMH
Reagent Blank for Mercury Cold Vapor		<MDL	ug/L	U	03/18/2010	13:59			KMH
MS Result for Mercury Cold Vapor		2.13	ug/L		03/18/2010	15:11			KMH
Init Cal Conc. for Hg for Mercury Cold V		2.50	ug/L		03/18/2010	14:07			KMH
Init Cal Rec for Hg for Mercury Cold Vap		104	%		03/18/2010	14:07			KMH
Init Cal for HG for Mercury Cold Vapor		2.59	ug/L		03/18/2010	14:07			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: HG-18594		QA Sample ID: AE30442							
Samples AE30442 AE30449 AE30450 AE30451									
Method Blank for Mercury Cold Vapor		<MDL	ug/L	U	04/14/2010	10:21			KMH
Cont. Cal. Blank for Mercury		<MDL	ug/L	U	04/14/2010	11:15			KMH
Continuous Calibration for Mercury Cold		2.67	ug/L		04/14/2010	11:09			KMH
Cont Calb Rec for Mercury Cold Vapor		107	%		04/14/2010	11:09			KMH
Sample Dup for Mercury Cold Vapor		<MDL	ug/L	U	04/14/2010	10:37			KMH
Mercury Cold Vapor		<MDL	ug/L	U	04/14/2010	10:34			KMH
Initial Calibration for Mercury Cold Vap		2.63	ug/L		04/14/2010	10:24			KMH
Int Calb Rec for Mercury Cold Vapor		105	%		04/14/2010	10:24			KMH
Lab Control for Mercury Cold Vapor		2.13	ug/L		04/14/2010	10:29			KMH
LCS Recovery for Mercury Cold Vapor		106	%		04/14/2010	10:29			KMH
Samp Dup Precision for Mercury		PASS	%		04/14/2010	10:34			KMH
MS Recovery for Mercury Cold Vapor		104	%		04/14/2010	10:34			KMH
Reagent Blank for Mercury Cold Vapor		<MDL	ug/L	U	04/14/2010	10:18			KMH
MS Result for Mercury Cold Vapor		2.08	ug/L		04/14/2010	10:40			KMH
Init Cal Conc. for Hg for Mercury Cold V		2.50	ug/L		04/14/2010	10:26			KMH
Init Cal Rec for Hg for Mercury Cold Vap		103	%		04/14/2010	10:26			KMH
Init Cal for HG for Mercury Cold Vapor		2.57	ug/L		04/14/2010	10:26			KMH

Batch Name: NO3IC-18341 **QA Sample ID: AE30454**
Samples AE30443 AE30452 AE30453 AE30454 AE30457 AE30458 AE30459

Amt Spiked for Nitrate	1.00	mg/L			03/11/2010	13:46			EMM
Cont. Blank for Nitrate	<MDL	mg/L		U	03/11/2010	16:29			EMM
Cont. Cal. for Nitrate	10.1	mg/L			03/11/2010	16:13			EMM
Cont Calb Rec for Nitrate	101	%			03/11/2010	16:13			EMM
Sample Dup for Nitrate	0.368	mg/L			03/11/2010	13:29			EMM
Nitrate as N by Ion Chromatography	0.369	mg/L			03/11/2010	13:13			EMM
Samp Dup Prec. for Nitrate	0.271	%			03/11/2010	13:13			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: NO3IC-18341		QA Sample ID: AE30454							
Samples	AE30443 AE30452 AE30453 AE30454 AE30457 AE30458 AE30459								
MS Recovery for Nitrate		101	%		03/11/2010	13:13			EMM
MS Result for Nitrate		1.38	mg/L		03/11/2010	13:46			EMM
Batch Name: NO3IC-18347		QA Sample ID: AE30444							
Samples	AE30444								
Amt Spiked for Nitrate		1.00	mg/L		03/11/2010	17:18			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	03/11/2010	18:24			EMM
Cont. Cal. for Nitrate		10.1	mg/L		03/11/2010	18:07			EMM
Cont Calb Rec for Nitrate		101	%		03/11/2010	18:07			EMM
Sample Dup for Nitrate		0.362	mg/L		03/11/2010	17:02			EMM
Nitrate as N by Ion Chromatography		0.364	mg/L		03/11/2010	16:46			EMM
Samp Dup Prec. for Nitrate		0.551	%		03/11/2010	16:46			EMM
MS Recovery for Nitrate		95.6	%		03/11/2010	16:46			EMM
MS Result for Nitrate		1.32	mg/L		03/11/2010	17:18			EMM
Batch Name: NO3IC-18352		QA Sample ID: AE31294							
Samples	AE30455 AE30456								
Amt Spiked for Nitrate		2.00	mg/L		03/12/2010	11:15			AMC
Method Blank for Nitrate		<MDL	mg/L	U	03/12/2010	08:48			AMC
Cont. Blank for Nitrate		<MDL	mg/L	U	03/12/2010	12:37			AMC
Cont. Cal. for Nitrate		10.1	mg/L		03/12/2010	12:21			AMC
Cont Calb Rec for Nitrate		101	%		03/12/2010	12:21			AMC
Sample Dup for Nitrate		13.5	mg/L		03/12/2010	10:59			AMC
Init. Cal. for Nitrate		23.7	mg/L		03/12/2010	09:21			AMC
Int Calb Conc for Nitrate		22.6	mg/L		03/12/2010	09:21			AMC
Int Calb Rec for Nitrate		105	%		03/12/2010	09:21			AMC
Nitrate as N by Ion Chromatography		13.5	mg/L		03/12/2010	10:42			AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: NO3IC-18352		QA Sample ID: AE31294							
Samples AE30455 AE30456									
Samp Dup Prec. for Nitrate		0.00	%		03/12/2010	10:59			AMC
MS Recovery for Nitrate		95.0	%		03/12/2010	10:42			AMC
MS Result for Nitrate		15.4	mg/L		03/12/2010	11:15			AMC
Batch Name: NO3IC-18387		QA Sample ID: AE31326							
Samples AE30445 AE30447 AE30448									
Amt Spiked for Nitrate		1.00	mg/L		03/16/2010	09:57			AMC
Method Blank for Nitrate		<MDL	mg/L	U	03/16/2010	08:35			AMC
Cont. Blank for Nitrate		<MDL	mg/L	U	03/16/2010	12:24			AMC
Cont. Cal. for Nitrate		10.1	mg/L		03/16/2010	12:08			AMC
Cont Calb Rec for Nitrate		101	%		03/16/2010	12:08			AMC
Sample Dup for Nitrate		1.21	mg/L		03/16/2010	09:40			AMC
Init. Cal. for Nitrate		23.4	mg/L		03/16/2010	09:08			AMC
Int Calb Conc for Nitrate		22.6	mg/L		03/16/2010	09:08			AMC
Int Calb Rec for Nitrate		104	%		03/16/2010	09:08			AMC
Nitrate as N by Ion Chromatography		1.21	mg/L		03/16/2010	09:24			AMC
Samp Dup Prec. for Nitrate		0.00	%		03/16/2010	09:40			AMC
MS Recovery for Nitrate		99.0	%		03/16/2010	09:24			AMC
MS Result for Nitrate		2.20	mg/L		03/16/2010	09:57			AMC
Batch Name: NO3IC-18388		QA Sample ID: AE31371							
Samples AE30446									
Amt Spiked for Nitrate		2.00	mg/L		03/16/2010	14:02			AMC
Cont. Blank for Nitrate		<MDL	mg/L	U	03/16/2010	15:24			AMC
Cont. Cal. for Nitrate		10.2	mg/L		03/16/2010	15:08			AMC
Cont Calb Rec for Nitrate		102	%		03/16/2010	15:08			AMC
Sample Dup for Nitrate		15.6	mg/L		03/16/2010	13:46			AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: NO3IC-18388		QA Sample ID: AE31371						
Samples AE30446								
Nitrate as N by Ion Chromatography		15.6	mg/L		03/16/2010 13:30			AMC
Samp Dup Prec. for Nitrate		0.00	%		03/16/2010 13:46			AMC
MS Recovery for Nitrate		95.0	%		03/16/2010 14:02			AMC
MS Result for Nitrate		17.5	mg/L		03/16/2010 14:02			AMC
Batch Name: NO3IC-18425		QA Sample ID: AE30451						
Samples AE30442 AE30449 AE30450 AE30451								
Amt Spiked for Nitrate		1.00	mg/L		03/18/2010 13:41			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	03/18/2010 15:03			EMM
Cont. Cal. for Nitrate		10.1	mg/L		03/18/2010 14:47			EMM
Cont Calb Rec for Nitrate		101	%		03/18/2010 14:47			EMM
Sample Dup for Nitrate		<MDL	mg/L	U	03/18/2010 13:25			EMM
Nitrate as N by Ion Chromatography		<MDL	mg/L	U	03/18/2010 13:08			EMM
Samp Dup Prec. for Nitrate		PASSED	%		03/18/2010 13:08			EMM
MS Recovery for Nitrate		102	%		03/18/2010 13:08			EMM
MS Result for Nitrate		1.02	mg/L		03/18/2010 13:41			EMM
Batch Name: TDS-18334		QA Sample ID: AE30886						
Samples AE30443 AE30452								
Method Blank for TDS		<MDL	mg/L	U	03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Sample Dup for TDS		1720	mg/L		03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Initial Calibration for TDS		986	mg/L		03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Int Calb Conc for TDS		970	mg/L		03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Int Calb Rec for TDS		102	%		03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Samp Dup Precision for TDS		Pass	%		03/12/2010 15:00			AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							
Total Dissolved Solids		1770	mg/L		03/12/2010 15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: TDS-18336		QA Sample ID: AE30453							
Samples AE30453 AE30454 AE30455									
Sample Dup for TDS		484	mg/L		03/12/2010	15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Samp Dup Precision for TDS		Pass	%		03/12/2010	15:00			AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Total Dissolved Solids		499	mg/L		03/12/2010	15:00			AMC/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Batch Name: TDS-18382		QA Sample ID: AE30448							
Samples AE30444 AE30445 AE30446 AE30447 AE30448 AE30456 AE30457 AE30458 AE30459									
Method Blank for TDS		<MDL	mg/L	U	03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Sample Dup for TDS		1330	mg/L		03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Initial Calibration for TDS		1000	mg/L		03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Int Calb Conc for TDS		970	mg/L		03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Int Calb Rec for TDS		103	%		03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Samp Dup Precision for TDS		Pass	%		03/18/2010	14:45			AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Total Dissolved Solids		1330	mg/L		03/18/2010	14:45			EMM/AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Batch Name: TDS-18451		QA Sample ID: AE30463							
Samples AE30442 AE30449 AE30450 AE30451									
Method Blank for TDS		<MDL	mg/L	U	03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Sample Dup for TDS		254	mg/L		03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Initial Calibration for TDS		976	mg/L		03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Int Calb Conc for TDS		970	mg/L		03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Int Calb Rec for TDS		101	%		03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Samp Dup Precision for TDS		Pass	%		03/25/2010	15:00			AC
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Total Dissolved Solids		259	mg/L		03/25/2010	15:00			EMM/AC/
Analysis Comments:	Analysis of the sample started after analysis set up performed.								
Batch Name: TLAA-18400		QA Sample ID: AE30443							
Samples AE30443 AE30444 AE30445 AE30446 AE30447 AE30448 AE30452 AE30453									
Method Blank for Thallium by GFAAS		<MDL	mg/L	U	03/17/2010	12:36			KMH
Continuing Cal. Blank for Thallium by GF		<MDL	mg/L	U	03/17/2010	17:53			KMH

SAL Project No. 100281

SAL Project No.

Chain of Custody

Client Name		Manatee County Utility Operations		Contact / Phone: Jeff Goodwin 941/792-8811														
Project Name / Location		Groundwater Monitoring Well Analyses - Lena Road Landfill																
Samples: (Signature) <i>David E. Wolfe</i>		PARAMETER / CONTAINER DESCRIPTION																
Matrix Codes: DW-Drinking Water WW-Wastewater SW-Surface Water SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water																		
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab	40mL V, HCL, 8260 Appendix I Organics	40mL V, Cool, 8011* Appendix I Organics	Seal intact?	Samples intact upon arrival?	Received on ice? Temp: <u>14</u>	Proper preservatives indicated?	React'd within holding time?	Volatiles rec'd w/out headspace?	Proper containers used?	Instructions / Remarks	
	01	GW-1			GW	X	X	3	2									
	02	GW-2			GW	X	X	3	2									
	03	GW-3			GW	X	X	3	2									
	04	GW-4			GW	X	X	3	2									
	05	GW-5			GW	X	X	3	2									
	06	GW-6 AE 30456	3-11-10	0841	GW	X	X	3	2									
	07	GW-7 AE 30457	3-11-10	0905	GW	X	X	3	2									
	08	GW-8 AE 30458	3-11-10	0934	GW	X	X	3	2									
	09	GW-9 AE 30459	3-11-10	1014	GW	X	X	3	2									
	10	GW-10 AE 30460	3-11-10	1038	GW	X	X	3	2									
	11	GW-11			GW	X	X	3	2									
	12	GW-12			GW	X	X	3	2									
Containers Prepared/Relinquished:		Date/Time: 1340	Received:	Date/Time: 1400														
Relinquished:		Date/Time: 1144	Received:	Date/Time: 1154														
Relinquished:		Date/Time: 3-11-10	Received:	Date/Time: 3-11-10														
Relinquished:		Date/Time: 3-16-10	Received:	Date/Time: 3-16-10														
Relinquished:		Date/Time: 3-16-10	Received:	Date/Time: 3-16-10														
Relinquished:		Date/Time: 3-16-10	Received:	Date/Time: 3-16-10														

Chain of Custody

SAL Project No. 100281

110 BAYMEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

Manatee County Utility Operations

Contact / Phone:
Jeff Goodwin 941/792-8811

Groundwater Monitoring Well Analyses - Lena Road Landfill

PARAMETER / CONTAINER DESCRIPTION

Sampler: (Signature) Carol G Wells

Matrix Codes:

DW-Drinking Water WW-Wastewater
SW-Surface Water SL-Sludge SO-Soil
GW-Groundwater SA-Saline Water O-Other
R-Reagent Water

[illegible]

Chain of Custody.xls
Brow Derby 11/15/07

Chain of Custody

Client Name		Manatee County Utility Operations		Contact / Phone: Jeff Goodwin 941/92-8811 ext. 5235						
Project Name / Location		Groundwater Monitoring Well Analyses - Lena Road Landfill								
Samples: (Signature) <i>David E. Woffe</i>										
Matrix Codes: DW-Drinking Water WW-Wastewater SW-Surface Water SL-Studge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water		PARAMETER / CONTAINER DESCRIPTION								
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab	40mL V, HCl 40 CFR Part 258	40mL V, Cool, 8011 Appendix I Organics	Instructions / Remarks
	13	GW-13			GW	X	X	2		
	14	GW-14			GW	X	X	2		
	15	AE 30449	3-15-10	0918	GW	X	X	2		
	16	AE 30450	3-15-10	0946	GW	X	X	2		
	17	AE 30451	3-15-10	1014	GW	X	X	2		
	18	BGW-196 30442	3-15-10	1053	GW	X	X	2		
	19	Field Duplicate -			GW	X	X	2		
	20	Field Blank			R	X	X	2		
	21	Field Blank			R	X	X	1		
Containers Prepared/Relinquished:		Date/Time: 1340	Received:	Date/Time:	Seal Intact?	Y N	Instructions / Remarks			
Relinquished:		3-15-10	Received:	3-15-10	Samples intact upon arrival?	Y N	EPA 8011: EDB and DBCP only!			
Relinquished:		3-15-10	Received:	3-15-10	Received on ice? Temp. 0.2	Y N				
Relinquished:		3-15-10	Received:	3-15-10	Proper preservatives indicated?	Y N				
Relinquished:		3-15-10	Received:	3-15-10	Rec'd within holding time?	Y N				
Relinquished:		3-15-10	Received:	3-15-10	Volatiles rec'd w/out headspace?	Y N				
Relinquished:		3-15-10	Received:	3-15-10	Proper containers used?	Y N				

Chain of Custody

Client Name		Manatee County Utility Operations		Contact / Phone:		Jeff Goodwin 941792-8811 ext. 5235	
Project Name / Location		Groundwater Monitoring Well Analyses - Lena Road Landfill					
Samples: (Signature) <i>Rand S. Wells</i>		PARAMETER / CONTAINER DESCRIPTION					
Matrix Codes: DW-Drinking Water WW-Wastewater SW-Surface Water SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water							
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab
	13	GW-13			GW	X	X
	14	GW-14			GW	X	X
	15	GW-15			GW	X	X
	16	GW-16			GW	X	X
	17	GW-17			GW	X	X
	18	BGW-1			GW	X	X
	19	Field Duplicate - ALE 31113	3-10-10	0905	GW	X	X
	20	Field Blank ALE 31112	3-01-10	0805	R	X	X
	21	Trip Blank	3-1-10	1100	R	X	X
Containers Prepared / Relinquished:		Date/Time: 1340	Received:	Date/Time: 1400	Seal Intact?	Y N	Instructions / Remarks
Relinquished:		03-01-10	<i>Rand S. Wells</i>	3-5-10	Samples intact upon arrival?	Y N	EPA 8011: EDB and DBCP only!
Relinquished:		1218	<i>Rand S. Wells</i>	3-16-10	Received on ice? Temp. 4.4	Y N	
Relinquished:		3-10-10	<i>Rand S. Wells</i>	3-16-10	Proper preservatives indicated?	Y N	
Relinquished:		10:43	<i>Rand S. Wells</i>	3-16-10	Rec'd within holding time?	Y N	
Relinquished:		3-16-10	<i>Rand S. Wells</i>		Volatiles rec'd w/out headspace?	Y N	
Relinquished:					Proper containers used?	Y N	

Chain of Custody

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-1	SAMPLE ID: AE 30443	DATE: 3-10-10	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 6.2	PURGE PUMP TYPE OR BAILER: RFPF
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 19.42 feet - static depth = 13.22 feet X 0.16 gallons/foot = 2.115 gallons + .34 = 2.455 gallons
 (only fill out if applicable)
 19.42 feet - static depth = 13.22 feet X 0.16 gallons/foot = 2.115 gallons + .34 = 2.455 gallons
 1 purge time = TIME TO PURGE 1(ONE) GALLON = 7.67 MINUTES

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0801	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (gallons): 4.48
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 8/24/18	SAMPLING ENDED AT: 8/24/18
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PUMP OR TUBING DEPTH IN WELL (feet):	8	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N	Filtration Equipment Type:	FILTER SIZE: _____ μm
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FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-2	SAMPLE ID: AB 30452	DATE: 3-10-10	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 8.3	PURGE PUMP TYPE OR BAILER: RFPF
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 8.3 11.11 1.776 = 2.1176 (only fill out if applicable) 6.4 min
 19.41 feet - static depth = 11.11 feet X 0.16 gallons/foot = 1.776 gallons + .34 = 2.1176 / purge time = TIME TO PURGE 1(ONE) GALLON MINUTES

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME									
(only fill out if applicable)									
	=	gallons + (	gallons/foot X		feet) +		gallons =		gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	PURGING INITIATED AT: 0931	PURGING ENDED AT: 0944	TOTAL VOLUME PURGED (gallons): 42.8
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 0944	SAMPLING ENDED AT: 0948
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PUMP OR TUBING DEPTH IN WELL (feet):	10.5	TUBING MATERIAL CODE:	FIELD-FILTERED: Y	FILTER SIZE: _____ μ m
			Filtration Equipment Type:	

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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SAMPLE CONTAINER SPECIFICATION	SAMPLE PRESERVATION	INTENDED	SAMPLING	SAMPLE PUMP
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[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-3	SAMPLE ID: AF 30453	DATE: 3-10-10	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 6.4	PURGE PUMP TYPE OR BAILER: RFPF
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 19.56 feet - 6.4 feet = 13.16 feet X 0.16 gallons/foot = 2.1056 gallons + .34 = 2.4456 / purge time = TIME TO PURGE 1(ONE) GALLON 9.78 MINUTES
 (only fill out if applicable)

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

		=	gallons + (	gallons/foot X	feet) +	gallons =	gallons
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	8		FINAL PUMP OR TUBING DEPTH IN WELL (feet):	8	PURGING INITIATED AT: 1003 ⁽²⁰⁾	PURGING ENDED AT: 1419	TOTAL VOLUME PURGED (gallons): 400

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>	SAMPLING INITIATED AT: 1019	SAMPLING ENDED AT: 1022
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PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE:	FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μm
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FIELD DECONTAMINATION: PUMP ☒ Y ☐ N TUBING Y ☒ N(replaced) DUPLICATE: Y ☒ N

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-4	SAMPLE ID: AE 30454	DATE: 3-10-10	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet) 8.0	PURGE PUMP TYPE OR BAILER: RFPF
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EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)					
=	gallons + (	gallons/foot X	feet) +	gallons =	gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1050 ⁰⁰	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons): 3.25
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WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: H05		SAMPLING ENDED AT: 1105	
PUMP OR TUBING DEPTH IN WELL (feet): 10				TUBING MATERIAL CODE:			FIELD-FILTERED: Y N Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced)							DUPLICATE: Y N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

[Signature]

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-5	SAMPLE ID: AE 30455	DATE: 3-10-10	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 8.0	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	--------------------------------------	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 19.66 feet - static depth = 11.66 feet X 0.16 gallons/foot = 1.8656 gallons + .34 = 1 purge time = TIME TO PURGE 1(ONE) GALLON MINUTES

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

=	gallons + (	gallons/foot X	feet) +	gallons =	gallons
---	-------------	----------------	---------	-----------	---------

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 39
---	---	----------------------------	------------------------	-----------------------------------

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.018

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 11/3	SAMPLING ENDED AT: 11/33
--	---	-----------------------------	--------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	16	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ μ m
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FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
------------------------	------	---	---	--------	---	--------------	------------	---	---

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

[Signature]

[Handwritten signature]

PURGING DATA

1.9784

7. Ench

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

URGING
ENDED AT: 0905 TOTAL VOLUME
PURGED (gallons): 350

000

PURGING EQUIPMENT CODES: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

NEW 3-11-11

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
------------------------	------	---	---	--------	---	--------------	------------	---	---

REMARKS:

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

[Signature]

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

John

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

PURGING DATA

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 6.68 m

20.15 feet - static depth = 9.15 feet X 0.16 gallons/foot = 1.464 gallons + .34 = 1.804 (only fill out if applicable)

1.804 / purge time = TIME TO PURGE 1(ONE) GALLON _____ MINUTES

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 10:25	PURGING ENDED AT: 10:38	TOTAL VOLUME PURGED (gallons): 3.71
--	--	--------------------------------	----------------------------	--

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.85; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

[Handwritten signature]

PURGING DATA

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 20.27 feet - static depth = 9.7 feet X 0.16 gallons/foot = 1.692 gallons + .34 = 1.832 gallons
 (only fill out if applicable)
 / purge time = TIME TO PURGE 1 (ONE) GALLON MINUTES

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5	PURGING INITIATED AT: 0933	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 3.9
--	--	-------------------------------	---------------------------	---------------------------------------

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

PUMP OR TUBING DEPTH IN WELL (feet):	11.5	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ μm
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SAMPLE CONTAINER SPECIFICATION

SAMPLE PRESERVATION

INTENDED
ANALYSIS AND/OR
METHOD

SAMPLING
EQUIPMENT
CODE

SAMPLE PUMP
FLOW RATE
(ml. per minute)

REMARKS:

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Temperature:

10

Total Number of Containers:

11

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE unpreserved; Grab/Comp.	1		TDS
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	0905	AE30443	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Endo Staff Compliance</u>	<u>3-10-10</u>	<u>12:18</u>
Received By: <u>[Signature]</u>	<u>CLAWSON</u>	<u>CWMA VRS</u>	<u>3-10-10</u>	<u>12:21</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/9/2010 2:21:56 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: _____

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE unpreserved; Grab/Comp.	1		TDS
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	0944	AE30452	GW	Lena Road Monitoring Well GW-2	HDPE unpres.; Grab/Comp.	1		CLIC

Relinquished By: <u>David E Wells</u>	Signature	Print Name	Company	Date	Time
Received By: <u>[Signature]</u>		<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>3-10-10</u>	<u>1218</u>
Relinquished By: <u>[Signature]</u>		<u>STANSON</u>	<u>Crown Cos</u>	<u>3-10-10</u>	<u>1729</u>
Received By: _____					

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

11

Temperature:

18

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE unpreserved; Grab/Comp.	1		TDS
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	1019	AE30453	GW	Lena Road Monitoring Well GW-3	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

Received By:

David E Wells

Industrial Compliance

3-10-10

12:18

Relinquished By:

David E Wells

Corona Gas

3-10-10

12:20

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/9/2010 2:18:26 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Temperature: _____

Total Number of Containers: _____

11

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE unpreserved; Grab/Comp.	1		TDS
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	1105	AE30454	GW	Lena Road Monitoring Well GW-4	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>3-10-10</u>	<u>12:18</u>
Received By: <u>[Signature]</u>	<u>[Signature]</u>	<u>Carroll Corp</u>	<u>3-10-10</u>	<u>12:29</u>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

3/9/2010 2:18:56 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

11

Temperature:

Collection

Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE unpreserved; Grab/Comp.	1		TDS
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	1130	AE30455	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Protestant Campuses</u>	<u>3-10-10</u>	<u>1218</u>
Received By: <u>[Signature]</u>	<u>ECANSON</u>	<u>Carmen Cars</u>	<u>3-10-10</u>	<u>1221</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

3/9/2010 2:22:28 PM

Sampler Signature: Randy E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 10

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	40 ml glass w/HCl; Grab	3		\$2581VOCs-CONTRACT \$8011VOCs-CONTRACT
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	0905	AE31113	GW	Lena Road Monitoring Well Field Duplicate	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>Randy E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>3-10-10</u>	<u>1218</u>
Received By: <u>[Signature]</u>	<u>Blair [Signature]</u>	<u>Central Lab</u>	<u>3-10-10</u>	<u>12:10</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

3/9/2010 2:15:52 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 10

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-7-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	40 ml glass w/HCl; Grab	5		\$2581VOCs-CONTRACT \$8011VOCs-CONTRACT
3-10-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-10-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	HDPE unpres.; Grab/Comp.	1		NO3IC
3-10-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-10-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-10-10	0805	AE31112	GW	Lena Road Monitoring Well Field Blank	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

Received By:

Relinquished By:

Received By:

Comments:

David E Wells

David E Wells

Industrial Compliance

3-10-10

1218

Jeff Goodwin

Jeff Goodwin

Crona Lab

3-10-10

1219

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/9/2010 2:19:25 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 16

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	40 ml glass w/HCl; Grab	5		\$8011VOCs-CONTRACT \$2581VOCs-CONTRACT
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE unpreserved; Grab/Comp.	1		TDS
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE unpres.; Grab/Comp.	1		NO3IC
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP WATER TLAA
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-11-10	0841	AE30456	GW	Lena Road Monitoring Well GW-6	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E WELLS

David E Wells

3-11-10

1144

Received By:

David E Wells

DAVID E WELLS

David E Wells

3-11-10

1144

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E. Wells

Print Name: David E. Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont	Check	Analysis
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	40 ml glass w/HCl; Grab	5		\$8011 VOCS-CONTRACT \$2581 VOCS-CONTRACT
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE unpreserved; Grab/Comp.	1		TDS
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1		NO3IC
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-11-10	0905	AE30457	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
<u>David E. Wells</u>	David E. Wells	Industrial Corporation	3-11-10	1144
<u>David E. Wells</u>	David E. Wells	Industrial Corporation	3-11-10	1144
Relinquished By:				
Received By:				
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/10/2010 1:03:41 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11
Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE w/H2SO4 pres.; Grab/Comp.	1		AMM
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE unpreserved; Grab/Comp.	1		TDS
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1		NO3IC
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-11-10	0934	AE30458	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1		CLIC

Relinquished By: <u>David E Wells</u>	Signature	Print Name	Company	Date	Time
Received By: <u>Jeff Goodwin</u>		<u>David E Wells</u>	<u>INDUSTRIAL CONTRACT</u>	<u>3-11-10</u>	<u>1144</u>
Relinquished By:		<u>Jeff Goodwin</u>	<u>CONTRACT</u>	<u>3-11-10</u>	<u>1146</u>
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont	Check	Analysis
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE unpreserved; Grab/Comp.	1		TDS
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE unpres.; Grab/Comp.	1		NO3IC
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-11-10	1014	AE30459	GW	Lena Road Monitoring Well GW-9	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

INDUSTRIAL COMPLIANCE

3-11-10

1144

Received By:

STANISLA

STANISLA

Corix Inc

3-11-10

1144

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11
Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	40 ml glass w/HCl; Grab	5		\$8011VOCs-CONTRACT \$2581VOCs-CONTRACT
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE unpreserved; Grab/Comp.	1		TDS
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE unpres.; Grab/Comp.	1		NO3C
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-11-10	1038	AE30444	GW	Lena Road Monitoring Well GW-10	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>INDUSTRIAL COMPLIANCE</u>	<u>3-11-10</u>	<u>1144</u>
Received By: <u>[Signature]</u>	<u>CLANSON</u>	<u>CLANSON</u>	<u>3-11-10</u>	<u>1144</u>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

3/10/2010 1:05:18 PM

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	#	Pres	Cont Check	Analysis
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	40 ml glass w/HCl; Grab	5			\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓		AMM
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE unpreserved; Grab/Comp.	1			TDS
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1			NO3IC
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓		\$ICP WATER TLAA
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓		HG
3-15-10	0929	AE30445	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1			CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

Received By:

Relinquished By:

Received By:

Comments:

David E Wells
DAVID E WELLS

David E Wells
DAVID E WELLS

David E Wells
DAVID E WELLS

3-15-10
1157

David E Wells
DAVID E WELLS

David E Wells
DAVID E WELLS

David E Wells
DAVID E WELLS

3-15-10
1157

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/10/2010 1:08:59 PM

Sampler Signature: [Signature]

Print Name: DAVID F WELLS

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11
Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE w/H2SO4 pres.; Grab/Comp.	1	1	AMM
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE unpreserved; Grab/Comp.	1		TDS
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		NO3IC
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1	1	\$ICPWATER TLAA
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1	1	HG
3-15-10	0947	AE30446	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>[Signature]</u>	<u>DAVID F WELLS</u>	<u>INVESTIGATIVE COMPLAINT</u>	<u>3-15-10</u>	<u>1:57</u>
Received By: <u>[Signature]</u>	<u>DAVID F WELLS</u>	<u>CRONA CORP</u>	<u>3-15-10</u>	<u>12:00</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

3/10/2010 1:05:47 PM

Print Name: DAVID E WELLS

Sampler Signature: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	40 ml glass w/HCl; Grab	5		\$8011 VOCs-CONTRACT \$2581 VOCs-CONTRACT
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE unpreserved; Grab/Comp.	1		TDS
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1		NO3IC
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP WATER TLAA
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-15-10	1024	AE30447	GW	Lena Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Manatee County Utilities</u>	<u>3-15-10</u>	<u>11:57</u>
Received By: <u>Blairson</u>	<u>Blairson</u>	<u>Manatee County Utilities</u>	<u>3-15-10</u>	<u>12:00</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Page 1 of 2

3/10/2010 1:09:31 PM

Sampler Signature: David E Wells

Print Name: DAVID E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Temperature: 10

Total Number of Containers: 11

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	40 ml glass w/HCl; Grab	5		\$8011 VOCs-CONTRACT \$2581 VOCs-CONTRACT
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE unpreserved; Grab/Comp.	1		TDS
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE unpres.; Grab/Comp.	1	✓	NO3IC
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1	✓	SICPWATER TLAA
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-15-10	1052	AE30448	GW	Lena Road Monitoring Well GW-14	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

Received By:

DAVID E Wells

Relinquished By:

DAVID E Wells

Received By:

DAVID E Wells

Comments:

<u>INDUSTRIAL CAMP/INLET</u>	<u>3-15-10</u>	<u>1157</u>
<u>Central Gas</u>	<u>3-15-10</u>	<u>12:02</u>

CHAIN OF CUSTODY RECORD

Print Name: DAVID E WELLS

Sampler Signature: [Signature]

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11
Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMIM
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE unpreserved; Grab/Comp.	1		TDS
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		NO3IC
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP/WATER TLAA
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-18-10	0918	AE30449	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>[Signature]</u>	<u>DAVID E WELLS</u>	<u>INDUSTRIAL COMPLIANCE</u>	<u>3-18-10</u>	<u>1153</u>
Received By: <u>[Signature]</u>	<u>CLARNA</u>	<u>CENTRA LAB</u>	<u>3-18-10</u>	<u>12:07</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Page 1 of 2
3/10/2010 1:12:03 PM

Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11
Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE unpreserved; Grab/Comp.	1		TDS
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		NO3IC
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP WATER TLAA
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-18-10	0946	AE30450	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		CLIC

Relinquished By: <u>David E Wells</u>	Signature	Print Name	Company	Date	Time
Received By: <u>David E Wells</u>			Industrial Compliance	3-18-10	1153
Relinquished By: <u>David E Wells</u>			Central Lab	3-18-10	12:01
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

3/10/2010 1:12:32 PM

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11 Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	40 ml glass w/HCl; Grab	5	✓	\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE unpreserved; Grab/Comp.	1		TDS
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		NO3IC
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-18-10	1014	AE30451	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		CLIC

Relinquished By: <u>David E Wells</u>	Signature	Print Name	Company	Date	Time
Received By: <u>David E Wells</u>				3-18-10	11:53
Relinquished By: <u>David E Wells</u>				3-18-10	11:53
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: 11

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	40 ml glass w/HCl; Grab	5	✓	\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE unpreserved; Grab/Comp.	1		TDS
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		NO3IC
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	HG
3-18-10	1053	AE30442	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>INDUSTRIAL COMPLIANCE</u>	<u>3-18-10</u>	<u>11:53</u>
Received By: <u>[Signature]</u>	<u>CLARKSON</u>	<u>COS</u>	<u>3-18-10</u>	<u>11:12</u>
Relinquished By:				
Received By:				

Comments: