REPORT OF ANALYSIS

MANATEE COUNTY UTILITIES DEPARTMENT
CENTRAL LABORATORY
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BRADENTON, FL 34210

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FDOHLAB ID: E54560

USEPA LAB CODE: FL00031

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3333 Lena Road
Bradenton, FL 34211

SAMPLE RECEIPT DATE: 05/02/2011

REPORT DATE: 6/21/2011

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.

Jeff Goodwin 2011.07.29 10:18:05 -04'00'

ACCREDITED IN ACCORDANCE WITH nelac

Dept. Of Environmental Protection
AUG 11 2011
Southwest District

 Report ID # 110621142616

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37584	**Collection Date / Time:**	05/02/2011	08:52						
Sample Point:	Lena Road Monitoring Well GW-1								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	25.3	mg/L		05/10/2011	20:58	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	2.0		JRW
Acetone	EPA 8260	3.3	ug/L	C,I	05/12/2011	14:43	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	14:43	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	605	umhos/cm		05/02/2011	08:52	1		DWELLS
Field Dissolved Oxygen	FIELD	4.85	mg/L		05/02/2011	08:52	0.01		DWELLS
Field pH	FIELD	6.67	Std. units		05/02/2011	08:52	0.010		DWELLS
Field Temperature	FIELD	23.4	Degrees C		05/02/2011	08:52	0.01		DWELLS
Field Turbidity	FIELD	2.76	NTU		05/02/2011	08:52	0.02		DWELLS
Static Depth to Water	FIELD	7.0	feet		05/02/2011	08:52			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.033	mg/L		05/26/2011	16:02	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	09:49	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	13:11	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.044	mg/L		05/03/2011	13:11	0.0038	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		05/03/2011	13:11	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/03/2011	13:11	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0009	mg/L	I	05/03/2011	13:11	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0014	mg/L	I	05/03/2011	13:11	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0019	mg/L	I	05/03/2011	13:11	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/03/2011	13:11	0.0009	0.005	KMH
Iron	EPA 200.7	9.94	mg/L		05/03/2011	13:11	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	13:11	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0036	mg/L	I,J,V	05/03/2011	13:11	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/03/2011	13:11	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/03/2011	13:11	0.0007	0.005	KMH
Sodium	EPA 200.7	29.8	mg/L		05/03/2011	13:11	0.016	2.00	KMH
Vanadium	EPA 200.7	0.010	mg/L		05/03/2011	13:11	0.0005	0.005	KMH
Zinc	EPA 200.7	0.007	mg/L		05/03/2011	13:11	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/16/2011	17:31	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	0.621	mg/L		05/04/2011	14:13	0.018	0.050	EMM
Nitrate	Calculation	0.027	mg/L		05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	0.027	mg/L	I	05/03/2011	13:50	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	<0.0006	mg/L	U	05/03/2011	11:13	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	427	mg/L		05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37585	**Collection Date / Time:** 05/02/2011 09:32								
Sample Point: Lena Road Monitoring Well GW-2									
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	31.3	mg/L		05/10/2011	21:42	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.3		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	2.0		JRW
Acetone	EPA 8260	3.5	ug/L	C,U	05/12/2011	15:17	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:17	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	13:35	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	13:35	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	6.93	umhos/cm		05/02/2011	09:32	1		DWELLS
Field Dissolved Oxygen	FIELD	5.22	mg/L		05/02/2011	09:32	0.01		DWELLS
Field pH	FIELD	6.32	Std. units		05/02/2011	09:32	0.010		DWELLS
Field Temperature	FIELD	24.0	Degrees C		05/02/2011	09:32	0.01		DWELLS
Field Turbidity	FIELD	693	NTU		05/02/2011	09:32	0.02		DWELLS
Static Depth to Water	FIELD	9.0	feet		05/02/2011	09:32			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.007	mg/L		05/26/2011	16:13	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	09:51	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	12:50	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.024	mg/L		05/03/2011	12:50	0.0038	0.005	KMH
Barium	EPA 200.7	0.034	mg/L		05/03/2011	12:50	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/03/2011	12:50	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0005	mg/L	I	05/03/2011	12:50	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0019	mg/L	I	05/03/2011	12:50	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0004	mg/L	I	05/03/2011	12:50	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/03/2011	12:50	0.0009	0.005	KMH
Iron	EPA 200.7	0.665	mg/L		05/03/2011	12:50	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	12:50	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0026	mg/L	I,J,V	05/03/2011	12:50	0.0002	0.005	KMH
Selenium	EPA 200.7	0.008	mg/L		05/03/2011	12:50	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/03/2011	12:50	0.0007	0.005	KMH
Sodium	EPA 200.7	19.0	mg/L		05/03/2011	12:50	0.016	2.00	KMH
Vanadium	EPA 200.7	0.015	mg/L		05/03/2011	12:50	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0032	mg/L	I	05/03/2011	12:50	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/16/2011	18:02	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	1.31	mg/L		05/04/2011	13:52	0.018	0.050	EMM
Nitrate	Calculation	0.388	mg/L		05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	0.392	mg/L		05/03/2011	13:50	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	0.004	mg/L	I	05/03/2011	11:13	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	562	mg/L		05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37586	**Collection Date / Time:**		**05/02/2011**	**10:08**					
Sample Point:	**Lena Road Monitoring Well GW-3**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	29.7	mg/L		05/10/2011	22:26	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	02		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	2.0		JRW
Acetone	EPA 8260	2.4	ug/L	C,U	05/12/2011	15:51	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	02		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.1		JRW

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	15:51	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	636	umhos/cm		05/02/2011	10:08	1		DWELLS
Field Dissolved Oxygen	FIELD	3.73	mg/L		05/02/2011	10:08	0.01		DWELLS
Field pH	FIELD	6.23	Std. units		05/02/2011	10:08	0.010		DWELLS
Field Temperature	FIELD	24.0	Degrees C		05/02/2011	10:08	0.01		DWELLS
Field Turbidity	FIELD	6.83	NTU		05/02/2011	10:08	0.02		DWELLS
Static Depth to Water	FIELD	6.0	feet		05/02/2011	10:08			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.002	mg/L		05/26/2011	16:23	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	09:54	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	13:15	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.020	mg/L		05/03/2011	13:15	0.0038	0.005	KMH
Barium	EPA 200.7	0.014	mg/L		05/03/2011	13:15	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/03/2011	13:15	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0004	mg/L	I	05/03/2011	13:15	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0019	mg/L	I	05/03/2011	13:15	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0004	mg/L	I	05/03/2011	13:15	0.0003	0.005	KMH
Copper	EPA 200.7	0.0013	mg/L	I	05/03/2011	13:15	0.0009	0.005	KMH
Iron	EPA 200.7	0.443	mg/L		05/03/2011	13:15	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	13:15	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0019	mg/L	I,J,V	05/03/2011	13:15	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/03/2011	13:15	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/03/2011	13:15	0.0007	0.005	KMH
Sodium	EPA 200.7	21.5	mg/L		05/03/2011	13:15	0.016	2.00	KMH
Vanadium	EPA 200.7	0.011	mg/L		05/03/2011	13:15	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0030	mg/L	I	05/03/2011	13:15	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	**0.0004**	mg/L	I	05/16/2011	18:12	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.153**	mg/L		05/04/2011	13:23	0.018	0.050	EMM
Nitrate	Calculation	**8.32**	mg/L		05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	**8.36**	mg/L		05/03/2011	14:14	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**0.037**	mg/L		05/03/2011	11:13	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**500**	mg/L		05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE37587	**Collection Date / Time:** 05/02/2011 10:45							
Sample Point: Lena Road Monitoring Well GW-4								
Sample Comment:								
Analysis Department:	**ANIONS**							
Chloride by Ion Chromatography	EPA 300.0	13.4	mg/L		05/10/2011 23:10	0.100	1.00	KMH
Analysis Department:	**CONTRACT**							
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 16:25	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:25	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:25	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:25	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:25	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:25	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	356	umhos/cm		05/02/2011	14:58	1		DWELLS
Field Dissolved Oxygen	FIELD	3.20	mg/L		05/02/2011	14:58	0.01		DWELLS
Field pH	FIELD	6.18	Std. units		05/02/2011	14:58	0.010		DWELLS
Field Temperature	FIELD	24.3	Degrees C		05/02/2011	14:58	0.01		DWELLS
Field Turbidity	FIELD	14.3	NTU		05/02/2011	14:58	0.02		DWELLS
Static Depth to Water	FIELD	8.3	feet		05/02/2011	14:58			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.001	mg/L	I	05/26/2011	16:34	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	09:57	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	13:18	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.012	mg/L		05/03/2011	13:18	0.0038	0.005	KMH
Barium	EPA 200.7	0.014	mg/L		05/03/2011	13:18	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00013	mg/L	I	05/03/2011	13:18	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0004	mg/L	I	05/03/2011	13:18	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0044	mg/L	I	05/03/2011	13:18	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	05/03/2011	13:18	0.0003	0.005	KMH
Copper	EPA 200.7	0.0029	mg/L	I	05/03/2011	13:18	0.0009	0.005	KMH
Iron	EPA 200.7	0.496	mg/L		05/03/2011	13:18	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	13:18	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0021	mg/L	I,J,V	05/03/2011	13:18	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/03/2011	13:18	0.0046	0.005	KMH
Silver	EPA 200.7	0.0008	mg/L	I	05/03/2011	13:18	0.0007	0.005	KMH
Sodium	EPA 200.7	6.63	mg/L		05/03/2011	13:18	0.016	2.00	KMH
Vanadium	EPA 200.7	0.014	mg/L		05/03/2011	13:18	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/03/2011	13:18	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/16/2011	18:23	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	0.258	mg/L		05/04/2011	13:23	0.018	0.050	EMM
Nitrate	Calculation	2.61	mg/L		05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	2.62	mg/L		05/03/2011	13:59	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	0.010	mg/L		05/03/2011	11:14	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	289	mg/L		05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37588	**Collection Date / Time:**		05/03/2011	09:53					
Sample Point:	Lena Road Monitoring Well GW-5								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	14.4	mg/L		05/10/2011	23:53	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	2.0		JRW
Acetone	EPA 8260	2.1	ug/L	C,I	05/12/2011	16:59	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	16:59	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	597	umhos/cm		05/03/2011	09:53	1		DWELLS
Field Dissolved Oxygen	FIELD	5.70	mg/L		05/03/2011	09:53	0.01		DWELLS
Field pH	FIELD	6.33	Std. units		05/03/2011	09:53	0.010		DWELLS
Field Temperature	FIELD	24.2	Degrees C		05/03/2011	09:53	0.01		DWELLS
Field Turbidity	FIELD	4.55	NTU		05/03/2011	09:53	0.02		DWELLS
Static Depth to Water	FIELD	8.2	feet		05/03/2011	09:53			DWELLS
Analysis Department:	**METALS**								
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	09:59	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.006	mg/L		05/16/2011	14:33	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.013	mg/L		05/16/2011	14:33	0.0038	0.005	KMH
Barium	EPA 200.7	0.016	mg/L		05/16/2011	14:33	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	14:33	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0004	mg/L	I	05/16/2011	14:33	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0035	mg/L	I	05/16/2011	14:33	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	14:33	0.0003	0.005	KMH
Copper	EPA 200.7	0.0025	mg/L	I	05/16/2011	14:33	0.0009	0.005	KMH
Iron	EPA 200.7	0.442	mg/L		05/16/2011	14:33	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	14:33	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0011	mg/L	I	05/16/2011	14:33	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	14:33	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	14:33	0.0007	0.005	KMH
Sodium	EPA 200.7	10.0	mg/L		05/16/2011	14:33	0.016	2.00	KMH
Vanadium	EPA 200.7	0.018	mg/L		05/16/2011	14:33	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	14:33	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	0.0003	mg/L	I	05/17/2011	13:19	0.0003	0.002	IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.391**	mg/L		05/04/2011	13:30	0.018	0.050	EMM
Nitrate	Calculation	**0.469**	mg/L		05/05/2011	11:19			JAG
Nitrate-Nitrite	SM 4500-NO3 H	**0.475**	mg/L		05/03/2011	14:23	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**0.006**	mg/L		05/04/2011	15:38	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**416**	mg/L		05/04/2011	13:00	10.0	10.0	AMC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37589	**Collection Date / Time:**	**05/03/2011**	**10:18**						
Sample Point:	**Lena Road Monitoring Well GW-6**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	9.91	mg/L		05/11/2011	00:37	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	2.0		JRW
Acetone	EPA 8260	3.6	ug/L	C,U	05/12/2011	17:33	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	17:33	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	14:50	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	14:50	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	1450	umhos/cm		05/03/2011	10:18	1		DWELLS
Field Dissolved Oxygen	FIELD	5.66	mg/L		05/03/2011	10:18	0.01		DWELLS
Field pH	FIELD	6.43	Std. units		05/03/2011	10:18	0.010		DWELLS
Field Temperature	FIELD	24.1	Degrees C		05/03/2011	10:18	0.01		DWELLS
Field Turbidity	FIELD	19.5	NTU		05/03/2011	10:18	0.02		DWELLS
Static Depth to Water	FIELD	8.0	feet		05/03/2011	10:18			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.004	mg/L		05/26/2011	16:45	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:02	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.0046	mg/L	I	05/16/2011	14:55	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.020	mg/L		05/16/2011	14:55	0.0038	0.005	KMH
Barium	EPA 200.7	0.024	mg/L		05/16/2011	14:55	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	14:55	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0008	mg/L	I	05/16/2011	14:55	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0021	mg/L	I	05/16/2011	14:55	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	05/16/2011	14:55	0.0003	0.005	KMH
Copper	EPA 200.7	0.0019	mg/L	I	05/16/2011	14:55	0.0009	0.005	KMH
Iron	EPA 200.7	1.78	mg/L		05/16/2011	14:55	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	14:55	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0009	mg/L	I	05/16/2011	14:55	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	14:55	0.0046	0.005	KMH
Silver	EPA 200.7	0.0007	mg/L	I	05/16/2011	14:55	0.0007	0.005	KMH
Sodium	EPA 200.7	12.4	mg/L		05/16/2011	14:55	0.016	2.00	KMH
Vanadium	EPA 200.7	0.044	mg/L		05/16/2011	14:55	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	14:55	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	**0.0003**	mg/L	I	05/17/2011	13:50	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**1.13**	mg/L		05/04/2011	13:52	0.018	0.050	EMM
Nitrate	Calculation	**<0.023**	mg/L	U	05/05/2011	11:19			JAG
Nitrate-Nitrite	SM 4500-NO3 H	**<0.023**	mg/L	U	05/03/2011	14:27	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**<0.0006**	mg/L	U	05/04/2011	15:38	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**1060**	mg/L		05/04/2011	13:00	10.0	10.0	AMC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37590	**Collection Date / Time:**		**05/03/2011**	**10:44**					
Sample Point:	**Lena Road Monitoring Well GW-7**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	31.4	mg/L		05/11/2011	01:21	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	2.0		JRW
Acetone	EPA 8260	2.3	ug/L	C,I	05/12/2011	18:06	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:06	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	639	umhos/cm		05/03/2011	10:44	1		DWELLS
Field Dissolved Oxygen	FIELD	4.97	mg/L		05/03/2011	10:44	0.01		DWELLS
Field pH	FIELD	6.30	Std. units		05/03/2011	10:44	0.010		DWELLS
Field Temperature	FIELD	24.2	Degrees C		05/03/2011	10:44	0.01		DWELLS
Field Turbidity	FIELD	9.96	NTU		05/03/2011	10:44	0.02		DWELLS
Static Depth to Water	FIELD	10.3	feet		05/03/2011	10:44			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.004	mg/L		05/26/2011	16:56	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:05	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.0040	mg/L	I	05/16/2011	15:00	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.015	mg/L		05/16/2011	15:00	0.0038	0.005	KMH
Barium	EPA 200.7	0.019	mg/L		05/16/2011	15:00	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:00	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:00	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0024	mg/L	I	05/16/2011	15:00	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:00	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	15:00	0.0009	0.005	KMH
Iron	EPA 200.7	0.155	mg/L		05/16/2011	15:00	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:00	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0008	mg/L	I	05/16/2011	15:00	0.0002	0.005	KMH
Selenium	EPA 200.7	0.006	mg/L		05/16/2011	15:00	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:00	0.0007	0.005	KMH
Sodium	EPA 200.7	16.3	mg/L		05/16/2011	15:00	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0041	mg/L	I	05/16/2011	15:00	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	15:00	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/17/2011	14:00	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	0.261	mg/L		05/04/2011	13:30	0.018	0.050	EMM
Nitrate	Calculation	0.614	mg/L		05/05/2011	11:19			JAG
Nitrate-Nitrite	SM 4500-NO3 H	0.624	mg/L		05/03/2011	14:27	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	0.010	mg/L		05/04/2011	15:38	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	471	mg/L		05/04/2011	13:00	10.0	10.0	AMC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37591	**Collection Date / Time:**		05/03/2011	11:10					
Sample Point:	Lena Road Monitoring Well GW-8								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	30.8	mg/L		05/11/2011	10:07	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	18:40	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	746	umhos/cm		05/03/2011	11:10	1		DWELLS
Field Dissolved Oxygen	FIELD	3.89	mg/L		05/03/2011	11:10	0.01		DWELLS
Field pH	FIELD	6.60	Std. units		05/03/2011	11:10	0.010		DWELLS
Field Temperature	FIELD	24.2	Degrees C		05/03/2011	11:10	0.01		DWELLS
Field Turbidity	FIELD	14.5	NTU		05/03/2011	11:10	0.02		DWELLS
Static Depth to Water	FIELD	11.3	feet		05/03/2011	11:10			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.005	mg/L		05/26/2011	17:07	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:13	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	15:04	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.021	mg/L		05/16/2011	15:04	0.0038	0.005	KMH
Barium	EPA 200.7	0.031	mg/L		05/16/2011	15:04	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:04	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:04	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0026	mg/L	I	05/16/2011	15:04	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:04	0.0003	0.005	KMH
Copper	EPA 200.7	0.0011	mg/L	I	05/16/2011	15:04	0.0009	0.005	KMH
Iron	EPA 200.7	0.096	mg/L	I	05/16/2011	15:04	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:04	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0008	mg/L	I	05/16/2011	15:04	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:04	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:04	0.0007	0.005	KMH
Sodium	EPA 200.7	16.6	mg/L		05/16/2011	15:04	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0034	mg/L	I	05/16/2011	15:04	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	15:04	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/17/2011	14:10	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	0.893	mg/L		05/04/2011	13:30	0.018	0.050	EMM
Nitrate	Calculation	<0.023	mg/L	U	05/05/2011	11:19			JAG
Nitrate-Nitrite	SM 4500-NO3 H	<0.023	mg/L	U	05/03/2011	14:27	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	<0.0006	mg/L	U	05/04/2011	15:38	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	544	mg/L		05/04/2011	13:00	10.0	10.0	AMC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE37592	**Collection Date / Time: 05/03/2011 11:56**							
Sample Point: Lena Road Monitoring Well GW-9								
Sample Comment:								
Analysis Department:	**ANIONS**							
Chloride by Ion Chromatography	EPA 300.0	16.2	mg/L		05/11/2011 13:02	0.100	1.00	KMH
Analysis Department:	**CONTRACT**							
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	2.0		JRW
Acetone	EPA 8260	4.3	ug/L	C	05/12/2011 19:14	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 19:14	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:14	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:14	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:14	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:14	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:14	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	751	umhos/cm		05/03/2011	11:56	1		DWELLS
Field Dissolved Oxygen	FIELD	5.32	mg/L		05/03/2011	11:56	0.01		DWELLS
Field pH	FIELD	7.18	Std. units		05/03/2011	11:56	0.010		DWELLS
Field Temperature	FIELD	24.9	Degrees C		05/03/2011	11:56	0.01		DWELLS
Field Turbidity	FIELD	4.17	NTU		05/03/2011	11:56	0.02		DWELLS
Static Depth to Water	FIELD	11.0	feet		05/03/2011	11:56			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.015	mg/L		05/26/2011	17:17	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:21	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	15:08	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.027	mg/L		05/16/2011	15:08	0.0038	0.005	KMH
Barium	EPA 200.7	0.026	mg/L		05/16/2011	15:08	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:08	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:08	0.0004	0.005	KMH
Chromium	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:08	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:08	0.0003	0.005	KMH
Copper	EPA 200.7	0.0010	mg/L	I	05/16/2011	15:08	0.0009	0.005	KMH
Iron	EPA 200.7	3.66	mg/L		05/16/2011	15:08	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:08	0.0017	0.005	KMH
Nickel	EPA 200.7	<0.0002	mg/L	U	05/16/2011	15:08	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:08	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:08	0.0007	0.005	KMH
Sodium	EPA 200.7	10.4	mg/L		05/16/2011	15:08	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0030	mg/L	I	05/16/2011	15:08	0.0005	0.005	KMH
Zinc	EPA 200.7	0.012	mg/L		05/16/2011	15:08	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/17/2011	14:20	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**1.84**	mg/L		05/04/2011	13:52	0.018	0.050	EMM
Nitrate	Calculation	**<0.023**	mg/L	U	05/05/2011	11:19			JAG
Nitrate-Nitrite	SM 4500-NO3 H	**<0.023**	mg/L	U	05/03/2011	14:27	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**<0.0006**	mg/L	U	05/04/2011	15:38	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**454**	mg/L		05/04/2011	13:00	10.0	10.0	AMC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37593	**Collection Date / Time:** 05/04/2011 08:47								
Sample Point: Lena Road Monitoring Well GW-10									
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	25.3	mg/L		05/11/2011	14:30	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	2.0		JRW
Acetone	EPA 8260	5.9	ug/L	C	05/12/2011	19:48	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	2.0		JRW
Chlorobenzene	EPA 8260	0.6	ug/L	C,I	05/12/2011	19:48	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.1		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	19:48	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	701	umhos/cm		05/04/2011	08:47	1		DWELLS
Field Dissolved Oxygen	FIELD	6.36	mg/L		05/04/2011	08:47	0.01		DWELLS
Field pH	FIELD	6.83	Std. units		05/04/2011	08:47	0.010		DWELLS
Field Temperature	FIELD	23.8	Degrees C		05/04/2011	08:47	0.01		DWELLS
Field Turbidity	FIELD	1.79	NTU		05/04/2011	08:47	0.02		DWELLS
Static Depth to Water	FIELD	9.5	feet		05/04/2011	08:47			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.006	mg/L		05/26/2011	17:28	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:23	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.005	mg/L		05/16/2011	15:12	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.019	mg/L		05/16/2011	15:12	0.0038	0.005	KMH
Barium	EPA 200.7	0.024	mg/L		05/16/2011	15:12	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:12	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:12	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0009	mg/L	I	05/16/2011	15:12	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:12	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	15:12	0.0009	0.005	KMH
Iron	EPA 200.7	0.908	mg/L		05/16/2011	15:12	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:12	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0004	mg/L	I	05/16/2011	15:12	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:12	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:12	0.0007	0.005	KMH
Sodium	EPA 200.7	10.1	mg/L		05/16/2011	15:12	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0026	mg/L	I	05/16/2011	15:12	0.0005	0.005	KMH
Zinc	EPA 200.7	0.005	mg/L		05/16/2011	15:12	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/17/2011	14:30	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	3.54	mg/L		05/10/2011	15:47	0.018	0.050	EMM
Nitrate	Calculation	0.172	mg/L		05/19/2011	12:37			EMM
Nitrate-Nitrite	SM 4500-NO3 H	0.172	mg/L		05/19/2011	10:23	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	<0.0006	mg/L	U	05/04/2011	15:40	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	408	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37594	**Collection Date / Time:**	**05/04/2011**	**09:16**						
Sample Point:	**Lena Road Monitoring Well GW-11**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	44.4	mg/L		05/11/2011	15:13	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	2.0		JRW
Acetone	EPA 8260	2.3	ug/L	C,I	05/12/2011	20:22	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.4		JRW
Carbon disulfide	EPA 8260	0.2	ug/L	C,I	05/12/2011	20:22	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:22	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0052	ug/L	C,U	05/12/2011	11:00	0.0052		BTJ
Ethylene Dibromide	EPA 8011	<0.0052	ug/L	C,U	05/12/2011	11:00	0.0052		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	649	umhos/cm		05/04/2011	09:16	1		DWELLS
Field Dissolved Oxygen	FIELD	3.21	mg/L		05/04/2011	09:16	0.01		DWELLS
Field pH	FIELD	6.49	Std. units		05/04/2011	09:16	0.010		DWELLS
Field Temperature	FIELD	24.0	Degrees C		05/04/2011	09:16	0.01		DWELLS
Field Turbidity	FIELD	1.17	NTU		05/04/2011	09:16	0.02		DWELLS
Static Depth to Water	FIELD	7.6	feet		05/04/2011	09:16			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.026	mg/L	J	05/26/2011	20:09	0.00034	0.001	IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.								
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:26	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	15:16	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.034	mg/L		05/16/2011	15:16	0.0038	0.005	KMH
Barium	EPA 200.7	0.019	mg/L		05/16/2011	15:16	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:16	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0005	mg/L	I	05/16/2011	15:16	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0014	mg/L	I	05/16/2011	15:16	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:16	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	15:16	0.0009	0.005	KMH
Iron	EPA 200.7	7.17	mg/L		05/16/2011	15:16	0.046	0.125	KMH
Lead	EPA 200.7	0.0017	mg/L	I	05/16/2011	15:16	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0011	mg/L	I	05/16/2011	15:16	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:16	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:16	0.0007	0.005	KMH
Sodium	EPA 200.7	20.3	mg/L		05/16/2011	15:16	0.016	2.00	KMH
Vanadium	EPA 200.7	0.007	mg/L		05/16/2011	15:16	0.0005	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Zinc	EPA 200.7	**0.0033**	mg/L	I	05/16/2011	15:16	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/17/2011	14:41	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.481**	mg/L		05/10/2011	15:30	0.018	0.050	EMM
Nitrate	Calculation	**0.052**	mg/L		05/19/2011	12:37			EMM
Nitrate-Nitrite	SM 4500-NO3 H	**0.052**	mg/L		05/19/2011	10:23	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**<0.0006**	mg/L	U	05/04/2011	15:40	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**437**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37595	**Collection Date / Time:**		**05/04/2011**	**09:47**					
Sample Point:	**Lena Road Monitoring Well GW-12**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	6.29	mg/L		05/11/2011	15:57	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	2.0		JRW
Acetone	EPA 8260	3.4	ug/L	C,I	05/12/2011	20:55	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	20:55	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	918	umhos/cm		05/04/2011	09:47	1		DWELLS
Field Dissolved Oxygen	FIELD	5.81	mg/L		05/04/2011	09:47	0.01		DWELLS
Field pH	FIELD	6.40	Std. units		05/04/2011	09:47	0.010		DWELLS
Field Temperature	FIELD	23.6	Degrees C		05/04/2011	09:47	0.01		DWELLS
Field Turbidity	FIELD	1.90	NTU		05/04/2011	09:47	0.02		DWELLS
Static Depth to Water	FIELD	11.0	feet		05/04/2011	09:47			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.002	mg/L	J	06/13/2011	13:55	0.00034	0.001	IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .								
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:29	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.006	mg/L		05/16/2011	15:21	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.020	mg/L		05/16/2011	15:21	0.0038	0.005	KMH
Barium	EPA 200.7	0.046	mg/L		05/16/2011	15:21	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:21	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:21	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0013	mg/L	I	05/16/2011	15:21	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0008	mg/L	I	05/16/2011	15:21	0.0003	0.005	KMH
Copper	EPA 200.7	0.0018	mg/L	I	05/16/2011	15:21	0.0009	0.005	KMH
Iron	EPA 200.7	0.086	mg/L	I	05/16/2011	15:21	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:21	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0010	mg/L	I	05/16/2011	15:21	0.0002	0.005	KMH
Selenium	EPA 200.7	0.018	mg/L		05/16/2011	15:21	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:21	0.0007	0.005	KMH
Sodium	EPA 200.7	6.93	mg/L		05/16/2011	15:21	0.016	2.00	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Vanadium	EPA 200.7	**0.012**	mg/L		05/16/2011	15:21	0.0005	0.005	KMH
Zinc	EPA 200.7	**<0.0029**	mg/L	U	05/16/2011	15:21	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	**0.0003**	mg/L	I	05/17/2011	14:51	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.026**	mg/L	I	05/10/2011	15:30	0.018	0.050	EMM
Nitrate	Calculation	**8.58**	mg/L		05/20/2011	07:28			EMM
Nitrate-Nitrite	SM 4500-NO3 H	**8.65**	mg/L		05/19/2011	13:57	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**0.073**	mg/L		05/04/2011	15:40	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**643**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE37596	**Collection Date / Time: 05/04/2011 11:54**							
Sample Point: Lena Road Monitoring Well GW-13								
Sample Comment:								
Analysis Department:	**ANIONS**							
Chloride by Ion Chromatography	EPA 300.0	36.6	mg/L		05/11/2011 16:41	0.100	1.00	KMH
Analysis Department:	**CONTRACT**							
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	2.0		JRW
Acetone	EPA 8260	2.5	ug/L	C,I	05/12/2011 21:29	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	01		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011 21:29	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	21:29	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	21:29	0.1		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	21:29	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	21:29	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	21:29	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0054	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Ethylene Dibromide	EPA 8011	<0.0054	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	1660	umhos/cm		05/04/2011	11:54	1		DWELLS
Field Dissolved Oxygen	FIELD	1.54	mg/L		05/04/2011	11:54	0.01		DWELLS
Field pH	FIELD	6.67	Std. units		05/04/2011	11:54	0.010		DWELLS
Field Temperature	FIELD	24.4	Degrees C		05/04/2011	11:54	0.01		DWELLS
Field Turbidity	FIELD	6.73	NTU		05/04/2011	11:54	0.02		DWELLS
Static Depth to Water	FIELD	12.4	feet		05/04/2011	11:54			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.009	mg/L		05/26/2011	21:12	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:31	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.005	mg/L		05/16/2011	15:24	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.024	mg/L		05/16/2011	15:24	0.0038	0.005	KMH
Barium	EPA 200.7	0.041	mg/L		05/16/2011	15:24	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:24	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:24	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0032	mg/L	I	05/16/2011	15:24	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0003	mg/L	I	05/16/2011	15:24	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	15:24	0.0009	0.005	KMH
Iron	EPA 200.7	6.70	mg/L		05/16/2011	15:24	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:24	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0004	mg/L	I	05/16/2011	15:24	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:24	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	15:24	0.0007	0.005	KMH
Sodium	EPA 200.7	32.9	mg/L		05/16/2011	15:24	0.016	2.00	KMH
Vanadium	EPA 200.7	0.012	mg/L		05/16/2011	15:24	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	15:24	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/17/2011	15:01	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	6.96	mg/L		05/10/2011	15:55	0.018	0.050	EMM
Nitrate	Calculation	<0.023	mg/L	U	05/19/2011	12:37			EMM
Nitrate-Nitrite	SM 4500-NO3 H	<0.023	mg/L	U	05/19/2011	10:31	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	<0.0006	mg/L	U	05/04/2011	15:40	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	1100	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37597	**Collection Date / Time:** 05/04/2011 12:23								
Sample Point: Lena Road Monitoring Well GW-14									
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	61.8	mg/L		05/11/2011	17:25	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:03	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	1490	umhos/cm		05/04/2011	12:23	1		DWELLS
Field Dissolved Oxygen	FIELD	0.77	mg/L		05/04/2011	12:23	0.01		DWELLS
Field pH	FIELD	6.66	Std. units		05/04/2011	12:23	0.010		DWELLS
Field Temperature	FIELD	23.8	Degrees C		05/04/2011	12:23	0.01		DWELLS
Field Turbidity	FIELD	0.91	NTU		05/04/2011	12:23	0.02		DWELLS
Static Depth to Water	FIELD	6.6	feet		05/04/2011	12:23			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.0007	mg/L	I	06/13/2011	14:48	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:34	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	15:29	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.020	mg/L		05/16/2011	15:29	0.0038	0.005	KMH
Barium	EPA 200.7	0.050	mg/L		05/16/2011	15:29	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	15:29	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	15:29	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0010	mg/L	I	05/16/2011	15:29	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	15:29	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	15:29	0.0009	0.005	KMH
Iron	EPA 200.7	0.144	mg/L		05/16/2011	15:29	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	15:29	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0014	mg/L	I	05/16/2011	15:29	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	15:29	0.0046	0.005	KMH
Silver	EPA 200.7	0.0008	mg/L	I	05/16/2011	15:29	0.0007	0.005	KMH
Sodium	EPA 200.7	38.9	mg/L		05/16/2011	15:29	0.016	2.00	KMH
Vanadium	EPA 200.7	<0.0005	mg/L	U	05/16/2011	15:29	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/16/2011	15:29	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/17/2011	15:11	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.065**	mg/L		05/10/2011	15:36	0.018	0.050	EMM
Nitrate	Calculation	**<0.023**	mg/L	U	05/19/2011	12:37			EMM
Nitrate-Nitrite	SM 4500-NO3 H	**<0.023**	mg/L	U	05/19/2011	10:31	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	**<0.0006**	mg/L	U	05/04/2011	15:41	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**1160**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37598	**Collection Date / Time:**		**05/05/2011**	**08:43**					
Sample Point:	**Lena Road Monitoring Well GW-15**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	59.8	mg/L		05/12/2011	07:17	0.100	1.00	KMH
Nitrate as N by Ion Chromatography	EPA 300.0	0.374	mg/L		05/17/2011	12:49	0.0046	0.025	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.09		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.1		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	22:36	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	731	umhos/cm		05/05/2011	08:43	1		DWELLS
Field Dissolved Oxygen	FIELD	0.95	mg/L		05/05/2011	08:43	0.01		DWELLS
Field pH	FIELD	6.37	Std. units		05/05/2011	08:43	0.010		DWELLS
Field Temperature	FIELD	23.0	Degrees C		05/05/2011	08:43	0.01		DWELLS
Field Turbidity	FIELD	0.79	NTU		05/05/2011	08:43	0.02		DWELLS
Static Depth to Water	FIELD	8.9	feet		05/05/2011	08:43			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.008	mg/L		05/26/2011	21:34	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/17/2011	10:12	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.0042	mg/L	I	05/16/2011	17:54	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.016	mg/L		05/16/2011	17:54	0.0038	0.005	KMH
Barium	EPA 200.7	0.048	mg/L		05/16/2011	17:54	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	17:54	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	17:54	0.0004	0.005	KMH
Chromium	EPA 200.7	0.041	mg/L		05/16/2011	17:54	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0004	mg/L	I	05/16/2011	17:54	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	17:54	0.0009	0.005	KMH
Iron	EPA 200.7	17.8	mg/L		05/16/2011	17:54	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	17:54	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0003	mg/L	I	05/16/2011	17:54	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	17:54	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	17:54	0.0007	0.005	KMH
Sodium	EPA 200.7	53.4	mg/L		05/16/2011	17:54	0.016	2.00	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Vanadium	EPA 200.7	**0.024**	mg/L		05/16/2011	17:54	0.0005	0.005	KMH
Zinc	EPA 200.7	**<0.0029**	mg/L	U	05/16/2011	17:54	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/18/2011	11:41	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**1.18**	mg/L		05/10/2011	15:55	0.018	0.050	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**454**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37599	**Collection Date / Time:**		**05/05/2011**	**09:10**					
Sample Point:	**Lena Road Monitoring Well GW-16**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	72.7	mg/L		05/12/2011	11:40	0.100	1.00	KMH
Nitrate as N by Ion Chromatography	EPA 300.0	0.023	mg/L	I	05/17/2011	13:15	0.0046	0.025	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	01		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.09		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.1		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:10	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	717	umhos/cm		05/05/2011	09:10	1		DWELLS
Field Dissolved Oxygen	FIELD	0.74	mg/L		05/05/2011	09:10	0.01		DWELLS
Field pH	FIELD	6.22	Std. units		05/05/2011	09:10	0.010		DWELLS
Field Temperature	FIELD	23.0	Degrees C		05/05/2011	09:10	0.01		DWELLS
Field Turbidity	FIELD	4.86	NTU		05/05/2011	09:10	0.02		DWELLS
Static Depth to Water	FIELD	10.0	feet		05/05/2011	09:10			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.002	mg/L		06/13/2011	14:59	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/17/2011	10:22	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	18:49	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.008	mg/L		05/16/2011	18:49	0.0038	0.005	KMH
Barium	EPA 200.7	0.032	mg/L		05/16/2011	18:49	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	18:49	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	18:49	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0014	mg/L	I	05/16/2011	18:49	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/16/2011	18:49	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	18:49	0.0009	0.005	KMH
Iron	EPA 200.7	1.15	mg/L		05/16/2011	18:49	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	18:49	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0014	mg/L	I	05/16/2011	18:49	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	18:49	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	18:49	0.0007	0.005	KMH
Sodium	EPA 200.7	75.3	mg/L		05/16/2011	18:49	0.016	2.00	KMH

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Vanadium	EPA 200.7	**0.011**	mg/L		05/16/2011	18:49	0.0005	0.005	KMH
Zinc	EPA 200.7	**<0.0029**	mg/L	U	05/16/2011	18:49	0.0029	0.005	KMH
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1211.								
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/23/2011	18:16	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**0.850**	mg/L		05/10/2011	15:36	0.018	0.050	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**417**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID:	**AE37600**	**Collection Date / Time:**		**05/05/2011**	**09:37**				
Sample Point:	**Lena Road Monitoring Well GW-17**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	2.46	mg/L		05/12/2011	12:24	0.100	1.00	KMH
Nitrate as N by Ion Chromatography	EPA 300.0	0.207	mg/L		05/17/2011	13:40	0.0046	0.025	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.09		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.1		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	23:44	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	249	umhos/cm		05/05/2011	09:37	1		DWELLS
Field Dissolved Oxygen	FIELD	0.55	mg/L		05/05/2011	09:37	0.01		DWELLS
Field pH	FIELD	5.36	Std. units		05/05/2011	09:37	0.010		DWELLS
Field Temperature	FIELD	23.1	Degrees C		05/05/2011	09:37	0.01		DWELLS
Field Turbidity	FIELD	13.7	NTU		05/05/2011	09:37	0.02		DWELLS
Static Depth to Water	FIELD	8.7	feet		05/05/2011	09:37			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.003	mg/L		05/24/2011	17:40	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/17/2011	10:30	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.0040	mg/L	I	05/16/2011	18:53	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.009	mg/L		05/16/2011	18:53	0.0038	0.005	KMH
Barium	EPA 200.7	0.015	mg/L		05/16/2011	18:53	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.0002	mg/L	I	05/16/2011	18:53	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	18:53	0.0004	0.005	KMH
Chromium	EPA 200.7	0.007	mg/L		05/16/2011	18:53	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0022	mg/L	I	05/16/2011	18:53	0.0003	0.005	KMH
Copper	EPA 200.7	0.007	mg/L		05/16/2011	18:53	0.0009	0.005	KMH
Iron	EPA 200.7	1.72	mg/L		05/16/2011	18:53	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	18:53	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0027	mg/L	I	05/16/2011	18:53	0.0002	0.005	KMH
Selenium	EPA 200.7	0.010	mg/L		05/16/2011	18:53	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	18:53	0.0007	0.005	KMH
Sodium	EPA 200.7	5.04	mg/L		05/16/2011	18:53	0.016	2.00	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Vanadium	EPA 200.7	**0.080**	mg/L		05/16/2011	18:53	0.0005	0.005	KMH
Zinc	EPA 200.7	**0.0037**	mg/L	I	05/16/2011	18:53	0.0029	0.005	KMH
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.								
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/23/2011	18:46	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**1.07**	mg/L		05/12/2011	14:47	0.018	0.050	AC
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**192**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37601	**Collection Date / Time:** 05/02/2011 08:25								
Sample Point: Lena Road Monitoring Well Field Blank									
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	<0.100	mg/L	U	05/11/2011	18:09	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
258 Appendix 1 Volatiles -Contract Lab									
1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	2.0		JRW
Acetone	EPA 8260	2.7	ug/L	C,I	05/12/2011	13:01	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
Bromochloromethane	EPA 8260	0.5	ug/L	C,I	05/12/2011	13:01	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:01	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	<0.00034	mg/L	U	05/24/2011	17:51	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:37	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	13:23	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.006	mg/L		05/03/2011	13:23	0.0038	0.005	KMH
Barium	EPA 200.7	<0.0002	mg/L	U	05/03/2011	13:23	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/03/2011	13:23	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/03/2011	13:23	0.0004	0.005	KMH
Chromium	EPA 200.7	<0.0007	mg/L	U	05/03/2011	13:23	0.0007	0.005	KMH
Cobalt	EPA 200.7	<0.0003	mg/L	U	05/03/2011	13:23	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/03/2011	13:23	0.0009	0.005	KMH
Iron	EPA 200.7	<0.046	mg/L	U	05/03/2011	13:23	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	13:23	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0011	mg/L	I,J,V	05/03/2011	13:23	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/03/2011	13:23	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/03/2011	13:23	0.0007	0.005	KMH
Sodium	EPA 200.7	0.032	mg/L	I	05/03/2011	13:23	0.016	2.00	KMH
Vanadium	EPA 200.7	<0.0005	mg/L	U	05/03/2011	13:23	0.0005	0.005	KMH
Zinc	EPA 200.7	<0.0029	mg/L	U	05/03/2011	13:23	0.0029	0.005	KMH
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	<0.0003	mg/L	U	05/16/2011	18:33	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	<0.018	mg/L	U	05/04/2011	13:23	0.018	0.050	EMM
Nitrate	Calculation	<0.023	mg/L	U	05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	<0.023	mg/L	U	05/03/2011	13:50	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	0.001	mg/L	I	05/03/2011	11:13	0.0006	0.005	EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	<10.0	mg/L	U	05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE37602	**Collection Date / Time:** 05/02/2011 08:52								
Sample Point: Lena Road Monitoring Well Field Duplicate									
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	30.9	mg/L		05/11/2011	18:52	0.100	1.00	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	2.0		JRW
Acetone	EPA 8260	3.8	ug/L	C,I	05/12/2011	13:35	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.09		JRW
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.1		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/12/2011	13:35	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0054	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Ethylene Dibromide	EPA 8011	<0.0054	ug/L	C,U	05/12/2011	11:00	0.0054		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	6.5	umhos/cm		05/02/2011	08:52	1		DWELLS
Field Dissolved Oxygen	FIELD	4.85	mg/L		05/02/2011	08:52	0.01		DWELLS
Field pH	FIELD	6.67	Std. units		05/02/2011	08:52	0.010		DWELLS
Field Temperature	FIELD	23.4	Degrees C		05/02/2011	08:52	0.01		DWELLS
Field Turbidity	FIELD	2.76	NTU		05/02/2011	08:52	0.02		DWELLS
Static Depth to Water	FIELD	7.0	feet		05/02/2011	08:52			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.031	mg/L		05/24/2011	18:01	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	<0.068	ug/L	U	05/06/2011	10:40	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/03/2011	13:27	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.044	mg/L		05/03/2011	13:27	0.0038	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		05/03/2011	13:27	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/03/2011	13:27	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0010	mg/L	I	05/03/2011	13:27	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0014	mg/L	I	05/03/2011	13:27	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0017	mg/L	I	05/03/2011	13:27	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/03/2011	13:27	0.0009	0.005	KMH
Iron	EPA 200.7	9.93	mg/L		05/03/2011	13:27	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/03/2011	13:27	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0034	mg/L	I,J,V	05/03/2011	13:27	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/03/2011	13:27	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/03/2011	13:27	0.0007	0.005	KMH
Sodium	EPA 200.7	29.0	mg/L		05/03/2011	13:27	0.016	2.00	KMH
Vanadium	EPA 200.7	0.010	mg/L		05/03/2011	13:27	0.0005	0.005	KMH
Zinc	EPA 200.7	0.007	mg/L		05/03/2011	13:27	0.0029	0.005	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Thallium by GFAAS	EPA 279.2	0.0004	mg/L	I	05/16/2011	18:43	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	0.557	mg/L		05/04/2011	13:23	0.018	0.050	EMM
Nitrate	Calculation	<0.023	mg/L	U	05/04/2011	07:22			EMM
Nitrate-Nitrite	SM 4500-NO3 H	<0.023	mg/L	U	05/03/2011	13:50	0.023	0.050	EMM
Nitrite	SM 4500-NO2 B	<0.0006	mg/L	U	05/03/2011	11:13	0.0006	0.005	EMM
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	464	mg/L		05/02/2011	13:04	10.0	10.0	AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Sample ID: AE38471	**Collection Date / Time:**		**05/05/2011**	**10:11**					
Sample Point:	**Lena Road Monitoring Well BGW-1**								
Sample Comment:									
Analysis Department:	**ANIONS**								
Chloride by Ion Chromatography	EPA 300.0	30.9	mg/L		05/12/2011	06:33	0.100	1.00	KMH
Nitrate as N by Ion Chromatography	EPA 300.0	0.030	mg/L		05/17/2011	14:06	0.0046	0.025	KMH
Analysis Department:	**CONTRACT**								
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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,1,1-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,1,2-Trichloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
1,2,3-Trichloropropane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.4		JRW
1,2-Dibromo-3-chloropropane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	2.0		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	2.0		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	1.3		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.4		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	2.0		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	04		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	02		JRW
Chloromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.4		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.09		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Dibromochloromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	01		JRW
Dibromomethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Dichloromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.08		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Methyl butyl ketone	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.05		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.09		JRW

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Total xylenes	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.1		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.3		JRW
Trichloroethylene	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Trichlorofluoromethane	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.2		JRW
Vinyl acetate	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.4		JRW
Vinyl chloride	EPA 8260	<MDL	ug/L	C,U	05/13/2011	00:18	0.3		JRW
8011 Volatiles -Contract Lab									
Dibromochloropropane	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Ethylene Dibromide	EPA 8011	<0.0053	ug/L	C,U	05/12/2011	11:00	0.0053		BTJ
Analysis Department:	**FIELD**								
Field conductivity	FIELD	538	umhos/cm		05/05/2011	10:11	1		DWELLS
Field Dissolved Oxygen	FIELD	0.77	mg/L		05/05/2011	10:11	0.01		DWELLS
Field pH	FIELD	5.90	Std. units		05/05/2011	10:11	0.010		DWELLS
Field Temperature	FIELD	22.3	Degrees C		05/05/2011	10:11	0.01		DWELLS
Field Turbidity	FIELD	0.05	NTU		05/05/2011	10:11	0.02		DWELLS
Static Depth to Water	FIELD	9.4	feet		05/05/2011	10:11			DWELLS
Analysis Department:	**METALS**								
Arsenic by GFAAS	SM 3113B	0.002	mg/L		05/24/2011	18:12	0.00034	0.001	IR
Mercury Cold Vapor	EPA 245.1	0.087	ug/L	I	05/17/2011	10:14	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	17:58	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.013	mg/L		05/16/2011	17:58	0.0038	0.005	KMH
Barium	EPA 200.7	0.013	mg/L		05/16/2011	17:58	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	17:58	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	17:58	0.0004	0.005	KMH
Chromium	EPA 200.7	<0.0007	mg/L	U	05/16/2011	17:58	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0029	mg/L	I	05/16/2011	17:58	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	17:58	0.0009	0.005	KMH
Iron	EPA 200.7	19.7	mg/L		05/16/2011	17:58	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	17:58	0.0017	0.005	KMH
Nickel	EPA 200.7	0.006	mg/L		05/16/2011	17:58	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	17:58	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	17:58	0.0007	0.005	KMH
Sodium	EPA 200.7	72.6	mg/L		05/16/2011	17:58	0.016	2.00	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Vanadium	EPA 200.7	**0.0023**	mg/L	I	05/16/2011	17:58	0.0005	0.005	KMH
Zinc	EPA 200.7	**0.0045**	mg/L	I	05/16/2011	17:58	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	**<0.0003**	mg/L	U	05/18/2011	11:51	0.0003	0.002	IR
Analysis Department:	**NUTRIENTS**								
Ammonia	EPA 350.1	**1.38**	mg/L		05/12/2011	14:47	0.018	0.050	AC
Analysis Department:	**SOLIDS**								
Total Dissolved Solids	SM 2540 C	**309**	mg/L		05/06/2011	12:55	10.0	10.0	AMC/EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst

Batch Name: SICPWATER-21746 **QA Sample ID:** AE37585

Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602

Analysis Comments: Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value
associated with both blanks is detected below 10 times method blanks value and s reagent blank value.
Sample value is below PQL.

Method Blank for Metals by 200.7							
Antimony	<0.0039	mg/L	U	05/03/2011	12:24		KMH
Arsenic	<0.0038	mg/L	U	05/03/2011	12:24		KMH
Barium	<0.0002	mg/L	U	05/03/2011	12:24		KMH
Beryllium	<0.00004	mg/L	U	05/03/2011	12:24		KMH
Cadmium	<0.0004	mg/L	U	05/03/2011	12:24		KMH
Chromium	<0.0007	mg/L	U	05/03/2011	12:24		KMH
Cobalt	<0.0003	mg/L	U	05/03/2011	12:24		KMH
Copper	<0.0009	mg/L	U	05/03/2011	12:24		KMH
Iron	<0.046	mg/L	U	05/03/2011	12:24		KMH
Lead	<0.0017	mg/L	U	05/03/2011	12:24		KMH
Nickel	0.0010	mg/L	I	05/03/2011	12:24		KMH
Selenium	<0.0046	mg/L	U	05/03/2011	12:24		KMH
Silver	<0.0007	mg/L	U	05/03/2011	12:24		KMH
Sodium	<0.016	mg/L	U	05/03/2011	12:24		KMH
Vanadium	<0.0005	mg/L	U	05/03/2011	12:24		KMH
Zinc	<0.0029	mg/L	U	05/03/2011	12:24		KMH
Int Calb Rec for Metals by 200.7							
Antimony	105	%		05/03/2011	11:30		KMH
Arsenic	104	%		05/03/2011	11:30		KMH
Barium	105	%		05/03/2011	11:30		KMH
Beryllium	104	%		05/03/2011	11:30		KMH
Cadmium	100	%		05/03/2011	11:30		KMH
Chromium	105	%		05/03/2011	11:30		KMH
Cobalt	105	%		05/03/2011	11:30		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1211.							
Int Calb Rec for Metals by 200.7								
Copper		105	%		05/03/2011 11:30			KMH
Iron		101	%		05/03/2011 11:30			KMH
Lead		105	%		05/03/2011 11:30			KMH
Nickel		105	%		05/03/2011 11:30			KMH
Selenium		102	%		05/03/2011 11:30			KMH
Silver		101	%		05/03/2011 11:30			KMH
Sodium		98.4	%		05/03/2011 11:30			KMH
Vanadium		104	%		05/03/2011 11:30			KMH
Zinc		105	%		05/03/2011 11:30			KMH
LCS Recovery for Metals by 200.7								
Antimony		108	%		05/03/2011 12:38			KMH
Arsenic		107	%		05/03/2011 12:38			KMH
Barium		104	%		05/03/2011 12:38			KMH
Beryllium		103	%		05/03/2011 12:38			KMH
Cadmium		102	%		05/03/2011 12:38			KMH
Chromium		108	%		05/03/2011 12:38			KMH
Cobalt		111	%		05/03/2011 12:38			KMH
Copper		108	%		05/03/2011 12:38			KMH
Iron		102	%		05/03/2011 12:38			KMH
Lead		105	%		05/03/2011 12:38			KMH
Nickel		103	%		05/03/2011 12:38			KMH
Selenium		100	%		05/03/2011 12:38			KMH
Silver		101	%		05/03/2011 12:38			KMH
Sodium		97.1	%		05/03/2011 12:38			KMH
Vanadium		109	%		05/03/2011 12:38			KMH
Zinc		106	%		05/03/2011 12:38			KMH
MS Result for Metals by 200.7								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Result for Metals by 200.7								
Antimony		0.541	mg/L		05/03/2011	12:58		KMH
Arsenic		0.551	mg/L		05/03/2011	12:58		KMH
Barium		0.539	mg/L		05/03/2011	12:58		KMH
Beryllium		0.507	mg/L		05/03/2011	12:58		KMH
Cadmium		0.498	mg/L		05/03/2011	12:58		KMH
Chromium		0.529	mg/L		05/03/2011	12:58		KMH
Cobalt		0.534	mg/L		05/03/2011	12:58		KMH
Copper		0.547	mg/L		05/03/2011	12:58		KMH
Iron		7.47	mg/L		05/03/2011	12:58		KMH
Lead		0.504	mg/L		05/03/2011	12:58		KMH
Nickel		0.492	mg/L		05/03/2011	12:58		KMH
Selenium		0.492	mg/L		05/03/2011	12:58		KMH
Silver		0.505	mg/L		05/03/2011	12:58		KMH
Sodium		116	mg/L		05/03/2011	12:58		KMH
Vanadium		0.553	mg/L		05/03/2011	12:58		KMH
Zinc		0.510	mg/L		05/03/2011	12:58		KMH
MS Recovery for Metals by 200.7								
Antimony		108	%		05/03/2011	12:50		KMH
Arsenic		105	%		05/03/2011	12:50		KMH
Barium		101	%		05/03/2011	12:50		KMH
Beryllium		101	%		05/03/2011	12:50		KMH
Cadmium		99.5	%		05/03/2011	12:50		KMH
Chromium		105	%		05/03/2011	12:50		KMH
Cobalt		107	%		05/03/2011	12:50		KMH
Copper		109	%		05/03/2011	12:50		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.							
MS Recovery for Metals by 200.7								
Iron		101	%		05/03/2011 12:50			KMH
Lead		101	%		05/03/2011 12:50			KMH
Nickel		97.9	%		05/03/2011 12:50			KMH
Selenium		96.8	%		05/03/2011 12:50			KMH
Silver		101	%		05/03/2011 12:50			KMH
Sodium		96.5	%		05/03/2011 12:50			KMH
Vanadium		108	%		05/03/2011 12:50			KMH
Zinc		101	%		05/03/2011 12:50			KMH
MS/MSD Precision for Metals by 200.7								
Antimony		0.553	%		05/03/2011 12:58			KMH
Arsenic		1.44	%		05/03/2011 12:58			KMH
Barium		0.186	%		05/03/2011 12:58			KMH
Beryllium		0.197	%		05/03/2011 12:58			KMH
Cadmium		0.201	%		05/03/2011 12:58			KMH
Chromium		0.00	%		05/03/2011 12:58			KMH
Cobalt		0.187	%		05/03/2011 12:58			KMH
Copper		0.183	%		05/03/2011 12:58			KMH
Iron		0.806	%		05/03/2011 12:58			KMH
Lead		0.198	%		05/03/2011 12:58			KMH
Nickel		0.608	%		05/03/2011 12:58			KMH
Selenium		0.406	%		05/03/2011 12:58			KMH
Silver		0.198	%		05/03/2011 12:58			KMH
Sodium		1.74	%		05/03/2011 12:58			KMH
Vanadium		0.181	%		05/03/2011 12:58			KMH
Zinc		0.391	%		05/03/2011 12:58			KMH
CCV Rec for Metals by 200.7								
Antimony		110	%	U	05/03/2011 13:51			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
CCV Rec for Metals by 200.7								
Arsenic		107	%	U	05/03/2011	13:51		KMH
Barium		102	%	U	05/03/2011	13:51		KMH
Beryllium		103	%	U	05/03/2011	13:51		KMH
Cadmium		97.0	%	U	05/03/2011	13:51		KMH
Chromium		106	%	U	05/03/2011	13:51		KMH
Cobalt		105	%	U	05/03/2011	13:51		KMH
Copper		107	%	U	05/03/2011	13:51		KMH
Iron		102	%	U	05/03/2011	13:51		KMH
Lead		105	%	U	05/03/2011	13:51		KMH
Nickel		101	%	I	05/03/2011	13:51		KMH
Selenium		99.0	%	U	05/03/2011	13:51		KMH
Silver		100	%	U	05/03/2011	13:51		KMH
Sodium		97.0	%	I	05/03/2011	13:51		KMH
Vanadium		107	%	U	05/03/2011	13:51		KMH
Zinc		104	%	U	05/03/2011	13:51		KMH
Cont Blank for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/03/2011	14:09		KMH
Arsenic		<0.0038	mg/L	U	05/03/2011	14:09		KMH
Barium		<0.0002	mg/L	U	05/03/2011	14:09		KMH
Beryllium		<0.00004	mg/L	U	05/03/2011	14:09		KMH
Cadmium		<0.0004	mg/L	U	05/03/2011	14:09		KMH
Chromium		<0.0007	mg/L	U	05/03/2011	14:09		KMH
Cobalt		<0.0003	mg/L	U	05/03/2011	14:09		KMH
Copper		<0.0009	mg/L	U	05/03/2011	14:09		KMH
Iron		<0.046	mg/L	U	05/03/2011	14:09		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.							
Cont Blank for Metals by 200.7								
Lead		<0.0017	mg/L	U	05/03/2011	14:09		KMH
Nickel		0.0009	mg/L	I	05/03/2011	14:09		KMH
Selenium		<0.0046	mg/L	U	05/03/2011	14:09		KMH
Silver		<0.0007	mg/L	U	05/03/2011	14:09		KMH
Sodium		0.023	mg/L	I	05/03/2011	14:09		KMH
Vanadium		<0.0005	mg/L	U	05/03/2011	14:09		KMH
Zinc		<0.0029	mg/L	U	05/03/2011	14:09		KMH
CCV for Metals by 200.7								
Antimony		1.10	mg/L		05/03/2011	13:51		KMH
Arsenic		1.07	mg/L		05/03/2011	13:51		KMH
Barium		1.02	mg/L		05/03/2011	13:51		KMH
Beryllium		1.03	mg/L		05/03/2011	13:51		KMH
Cadmium		0.970	mg/L		05/03/2011	13:51		KMH
Chromium		1.06	mg/L		05/03/2011	13:51		KMH
Cobalt		1.05	mg/L		05/03/2011	13:51		KMH
Copper		1.07	mg/L		05/03/2011	13:51		KMH
Iron		12.8	mg/L		05/03/2011	13:51		KMH
Lead		1.05	mg/L		05/03/2011	13:51		KMH
Nickel		1.01	mg/L		05/03/2011	13:51		KMH
Selenium		0.990	mg/L		05/03/2011	13:51		KMH
Silver		0.502	mg/L		05/03/2011	13:51		KMH
Sodium		194	mg/L		05/03/2011	13:51		KMH
Vanadium		1.07	mg/L		05/03/2011	13:51		KMH
Zinc		1.04	mg/L		05/03/2011	13:51		KMH
Initial Calibration for Metals by 200.7								
Antimony		1.05	mg/L		05/03/2011	11:30		KMH
Arsenic		1.04	mg/L		05/03/2011	11:30		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Initial Calibration for Metals by 200.7								
Barium		1.05	mg/L		05/03/2011	11:30		KMH
Beryllium		1.04	mg/L		05/03/2011	11:30		KMH
Cadmium		1.00	mg/L		05/03/2011	11:30		KMH
Chromium		1.05	mg/L		05/03/2011	11:30		KMH
Cobalt		1.05	mg/L		05/03/2011	11:30		KMH
Copper		1.05	mg/L		05/03/2011	11:30		KMH
Iron		12.6	mg/L		05/03/2011	11:30		KMH
Lead		1.05	mg/L		05/03/2011	11:30		KMH
Nickel		1.05	mg/L		05/03/2011	11:30		KMH
Selenium		1.02	mg/L		05/03/2011	11:30		KMH
Silver		0.252	mg/L		05/03/2011	11:30		KMH
Sodium		98.4	mg/L		05/03/2011	11:30		KMH
Vanadium		1.04	mg/L		05/03/2011	11:30		KMH
Zinc		1.05	mg/L		05/03/2011	11:30		KMH
Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/03/2011	12:50		KMH
Arsenic		0.024	mg/L		05/03/2011	12:50		KMH
Barium		0.034	mg/L		05/03/2011	12:50		KMH
Beryllium		<0.00004	mg/L	U	05/03/2011	12:50		KMH
Cadmium		0.0005	mg/L	I	05/03/2011	12:50		KMH
Chromium		0.0019	mg/L	I	05/03/2011	12:50		KMH
Cobalt		0.0004	mg/L	I	05/03/2011	12:50		KMH
Copper		<0.0009	mg/L	U	05/03/2011	12:50		KMH
Iron		0.665	mg/L		05/03/2011	12:50		KMH
Lead		<0.0017	mg/L	U	05/03/2011	12:50		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**						
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Metals by 200.7									
Nickel		0.0026	mg/L	I,J,V	05/03/2011	12:50			KMH
Selenium		0.008	mg/L		05/03/2011	12:50			KMH
Silver		<0.0007	mg/L	U	05/03/2011	12:50			KMH
Sodium		19.0	mg/L		05/03/2011	12:50			KMH
Vanadium		0.015	mg/L		05/03/2011	12:50			KMH
Zinc		0.0032	mg/L	I	05/03/2011	12:50			KMH
LCS for Metals by 200.7									
Antimony		0.542	mg/L		05/03/2011	12:38			KMH
Arsenic		0.534	mg/L		05/03/2011	12:38			KMH
Barium		0.522	mg/L		05/03/2011	12:38			KMH
Beryllium		0.517	mg/L		05/03/2011	12:38			KMH
Cadmium		0.509	mg/L		05/03/2011	12:38			KMH
Chromium		0.539	mg/L		05/03/2011	12:38			KMH
Cobalt		0.556	mg/L		05/03/2011	12:38			KMH
Copper		0.541	mg/L		05/03/2011	12:38			KMH
Iron		10.7	mg/L		05/03/2011	12:38			KMH
Lead		0.527	mg/L		05/03/2011	12:38			KMH
Nickel		0.514	mg/L		05/03/2011	12:38			KMH
Selenium		0.500	mg/L		05/03/2011	12:38			KMH
Silver		0.506	mg/L		05/03/2011	12:38			KMH
Sodium		10.2	mg/L		05/03/2011	12:38			KMH
Vanadium		0.544	mg/L		05/03/2011	12:38			KMH
Zinc		0.530	mg/L		05/03/2011	12:38			KMH
RB for Metals by 200.7									
Antimony		<0.0039	mg/L	U	05/03/2011	12:29			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
RB for Metals by 200.7								
Arsenic		0.006	mg/L		05/03/2011	12:29		KMH
Barium		<0.0002	mg/L	U	05/03/2011	12:29		KMH
Beryllium		<0.00004	mg/L	U	05/03/2011	12:29		KMH
Cadmium		<0.0004	mg/L	U	05/03/2011	12:29		KMH
Chromium		<0.0007	mg/L	U	05/03/2011	12:29		KMH
Cobalt		<0.0003	mg/L	U	05/03/2011	12:29		KMH
Copper		<0.0009	mg/L	U	05/03/2011	12:29		KMH
Iron		<0.046	mg/L	U	05/03/2011	12:29		KMH
Lead		<0.0017	mg/L	U	05/03/2011	12:29		KMH
Nickel		0.0007	mg/L	I	05/03/2011	12:29		KMH
Selenium		<0.0046	mg/L	U	05/03/2011	12:29		KMH
Silver		<0.0007	mg/L	U	05/03/2011	12:29		KMH
Sodium		<0.016	mg/L	U	05/03/2011	12:29		KMH
Vanadium		<0.0005	mg/L	U	05/03/2011	12:29		KMH
Zinc		<0.0029	mg/L	U	05/03/2011	12:29		KMH
MSD Recovery for Metals by 200.7								
Antimony		109	%		05/03/2011	12:50		KMH
Arsenic		107	%		05/03/2011	12:50		KMH
Barium		101	%		05/03/2011	12:50		KMH
Beryllium		101	%		05/03/2011	12:50		KMH
Cadmium		99.7	%		05/03/2011	12:50		KMH
Chromium		105	%		05/03/2011	12:50		KMH
Cobalt		107	%		05/03/2011	12:50		KMH
Copper		109	%		05/03/2011	12:50		KMH
Iron		99.9	%		05/03/2011	12:50		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**$ICPWATER-21746**	**QA Sample ID:**	**AE37585**					
Samples	**AE37584 AE37585 AE37586 AE37587 AE37601 AE37602**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MSD Recovery for Metals by 200.7								
Lead		101	%		05/03/2011 12:50			KMH
Nickel		98.5	%		05/03/2011 12:50			KMH
Selenium		97.2	%		05/03/2011 12:50			KMH
Silver		101	%		05/03/2011 12:50			KMH
Sodium		94.5	%		05/03/2011 12:50			KMH
Vanadium		107	%		05/03/2011 12:50			KMH
Zinc		102	%		05/03/2011 12:50			KMH
MSD Result for Metals by 200.7								
Antimony		0.544	mg/L		05/03/2011 13:02			KMH
Arsenic		0.559	mg/L		05/03/2011 13:02			KMH
Barium		0.538	mg/L		05/03/2011 13:02			KMH
Beryllium		0.506	mg/L		05/03/2011 13:02			KMH
Cadmium		0.499	mg/L		05/03/2011 13:02			KMH
Chromium		0.529	mg/L		05/03/2011 13:02			KMH
Cobalt		0.535	mg/L		05/03/2011 13:02			KMH
Copper		0.546	mg/L		05/03/2011 13:02			KMH
Iron		7.41	mg/L		05/03/2011 13:02			KMH
Lead		0.505	mg/L		05/03/2011 13:02			KMH
Nickel		0.495	mg/L		05/03/2011 13:02			KMH
Selenium		0.494	mg/L		05/03/2011 13:02			KMH
Silver		0.506	mg/L		05/03/2011 13:02			KMH
Sodium		114	mg/L		05/03/2011 13:02			KMH
Vanadium		0.552	mg/L		05/03/2011 13:02			KMH
Zinc		0.512	mg/L		05/03/2011 13:02			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Method Blank for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011 14:06			KMH
Arsenic		<0.0038	mg/L	U	05/16/2011 14:06			KMH
Barium		<0.0002	mg/L	U	05/16/2011 14:06			KMH
Beryllium		<0.00004	mg/L	U	05/16/2011 14:06			KMH
Cadmium		<0.0004	mg/L	U	05/16/2011 14:06			KMH
Chromium		<0.0007	mg/L	U	05/16/2011 14:06			KMH
Cobalt		<0.0003	mg/L	U	05/16/2011 14:06			KMH
Copper		<0.0009	mg/L	U	05/16/2011 14:06			KMH
Iron		<0.046	mg/L	U	05/16/2011 14:06			KMH
Lead		<0.0017	mg/L	U	05/16/2011 14:06			KMH
Nickel		<0.0002	mg/L	U	05/16/2011 14:06			KMH
Selenium		<0.0046	mg/L	U	05/16/2011 14:06			KMH
Silver		<0.0007	mg/L	U	05/16/2011 14:06			KMH
Sodium		<0.016	mg/L	U	05/16/2011 14:06			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011 14:06			KMH
Zinc		<0.0029	mg/L	U	05/16/2011 14:06			KMH
Int Calb Rec for Metals by 200.7								
Antimony		97.9	%		05/16/2011 13:22			KMH
Arsenic		96.9	%		05/16/2011 13:22			KMH
Barium		100	%		05/16/2011 13:22			KMH
Beryllium		99.5	%		05/16/2011 13:22			KMH
Cadmium		98.0	%		05/16/2011 13:22			KMH
Chromium		99.9	%		05/16/2011 13:22			KMH
Cobalt		101	%		05/16/2011 13:22			KMH
Copper		99.5	%		05/16/2011 13:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.							
Int Calb Rec for Metals by 200.7								
Iron		101	%		05/16/2011 13:22			KMH
Lead		102	%		05/16/2011 13:22			KMH
Nickel		101	%		05/16/2011 13:22			KMH
Selenium		101	%		05/16/2011 13:22			KMH
Silver		98.8	%		05/16/2011 13:22			KMH
Sodium		102	%		05/16/2011 13:22			KMH
Vanadium		99.1	%		05/16/2011 13:22			KMH
Zinc		99.0	%		05/16/2011 13:22			KMH
LCS Recovery for Metals by 200.7								
Antimony		99.2	%		05/16/2011 14:20			KMH
Arsenic		99.6	%		05/16/2011 14:20			KMH
Barium		103	%		05/16/2011 14:20			KMH
Beryllium		102	%		05/16/2011 14:20			KMH
Cadmium		107	%		05/16/2011 14:20			KMH
Chromium		102	%		05/16/2011 14:20			KMH
Cobalt		106	%		05/16/2011 14:20			KMH
Copper		102	%		05/16/2011 14:20			KMH
Iron		103	%		05/16/2011 14:20			KMH
Lead		102	%		05/16/2011 14:20			KMH
Nickel		103	%		05/16/2011 14:20			KMH
Selenium		101	%		05/16/2011 14:20			KMH
Silver		101	%		05/16/2011 14:20			KMH
Sodium		106	%		05/16/2011 14:20			KMH
Vanadium		103	%		05/16/2011 14:20			KMH
Zinc		102	%		05/16/2011 14:20			KMH
MS Result for Metals by 200.7								
Antimony		0.497	mg/L		05/16/2011 14:42			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Result for Metals by 200.7								
Arsenic		0.513	mg/L		05/16/2011 14:42			KMH
Barium		0.515	mg/L		05/16/2011 14:42			KMH
Beryllium		0.500	mg/L		05/16/2011 14:42			KMH
Cadmium		0.524	mg/L		05/16/2011 14:42			KMH
Chromium		0.500	mg/L		05/16/2011 14:42			KMH
Cobalt		0.511	mg/L		05/16/2011 14:42			KMH
Copper		0.504	mg/L		05/16/2011 14:42			KMH
Iron		7.14	mg/L		05/16/2011 14:42			KMH
Lead		0.492	mg/L		05/16/2011 14:42			KMH
Nickel		0.497	mg/L		05/16/2011 14:42			KMH
Selenium		0.499	mg/L		05/16/2011 14:42			KMH
Silver		0.500	mg/L		05/16/2011 14:42			KMH
Sodium		114	mg/L		05/16/2011 14:42			KMH
Vanadium		0.519	mg/L		05/16/2011 14:42			KMH
Zinc		0.492	mg/L		05/16/2011 14:42			KMH
MS Recovery for Metals by 200.7								
Antimony		98.2	%		05/16/2011 14:33			KMH
Arsenic		100	%		05/16/2011 14:33			KMH
Barium		99.8	%		05/16/2011 14:33			KMH
Beryllium		100	%		05/16/2011 14:33			KMH
Cadmium		105	%		05/16/2011 14:33			KMH
Chromium		99.3	%		05/16/2011 14:33			KMH
Cobalt		102	%		05/16/2011 14:33			KMH
Copper		100	%		05/16/2011 14:33			KMH
Iron		99.2	%		05/16/2011 14:33			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1211.							
MS Recovery for Metals by 200.7								
Lead		98.4	%		05/16/2011 14:33			KMH
Nickel		99.2	%		05/16/2011 14:33			KMH
Selenium		99.8	%		05/16/2011 14:33			KMH
Silver		100	%		05/16/2011 14:33			KMH
Sodium		103	%		05/16/2011 14:33			KMH
Vanadium		100	%		05/16/2011 14:33			KMH
Zinc		98.4	%		05/16/2011 14:33			KMH
MS/MSD Precision for Metals by 200.7								
Antimony		1.60	%		05/16/2011 14:42			KMH
Arsenic		1.55	%		05/16/2011 14:42			KMH
Barium		0.774	%		05/16/2011 14:42			KMH
Beryllium		0.797	%		05/16/2011 14:42			KMH
Cadmium		1.14	%		05/16/2011 14:42			KMH
Chromium		0.797	%		05/16/2011 14:42			KMH
Cobalt		1.36	%		05/16/2011 14:42			KMH
Copper		0.987	%		05/16/2011 14:42			KMH
Iron		0.559	%		05/16/2011 14:42			KMH
Lead		1.21	%		05/16/2011 14:42			KMH
Nickel		0.402	%		05/16/2011 14:42			KMH
Selenium		2.18	%		05/16/2011 14:42			KMH
Silver		0.598	%		05/16/2011 14:42			KMH
Sodium		0.873	%		05/16/2011 14:42			KMH
Vanadium		0.959	%		05/16/2011 14:42			KMH
Zinc		0.406	%		05/16/2011 14:42			KMH
CCV Rec for Metals by 200.7								
Antimony		98.4	%		05/16/2011 15:37			KMH
Arsenic		98.6	%		05/16/2011 15:37			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
CCV Rec for Metals by 200.7								
Barium		100	%		05/16/2011	15:37		KMH
Beryllium		101	%		05/16/2011	15:37		KMH
Cadmium		102	%		05/16/2011	15:37		KMH
Chromium		99.6	%		05/16/2011	15:37		KMH
Cobalt		99.5	%		05/16/2011	15:37		KMH
Copper		98.9	%		05/16/2011	15:37		KMH
Iron		101	%		05/16/2011	15:37		KMH
Lead		101	%		05/16/2011	15:37		KMH
Nickel		101	%		05/16/2011	15:37		KMH
Selenium		101	%		05/16/2011	15:37		KMH
Silver		99.8	%		05/16/2011	15:37		KMH
Sodium		104	%		05/16/2011	15:37		KMH
Vanadium		100	%		05/16/2011	15:37		KMH
Zinc		99.7	%		05/16/2011	15:37		KMH
Cont Blank for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011	15:56		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	15:56		KMH
Barium		<0.0002	mg/L	U	05/16/2011	15:56		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	15:56		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	15:56		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	15:56		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	15:56		KMH
Copper		<0.0009	mg/L	U	05/16/2011	15:56		KMH
Iron		<0.046	mg/L	U	05/16/2011	15:56		KMH
Lead		<0.0017	mg/L	U	05/16/2011	15:56		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name:	**$ICPWATER-21773**	**QA Sample ID:**	**AE37588**						
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.								
Cont Blank for Metals by 200.7									
Nickel		<0.0002	mg/L	U	05/16/2011	15:56			KMH
Selenium		<0.0046	mg/L	U	05/16/2011	15:56			KMH
Silver		<0.0007	mg/L	U	05/16/2011	15:56			KMH
Sodium		<0.016	mg/L	U	05/16/2011	15:56			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	15:56			KMH
Zinc		<0.0029	mg/L	U	05/16/2011	15:56			KMH
CCV for Metals by 200.7									
Antimony		0.984	mg/L		05/16/2011	15:37			KMH
Arsenic		0.986	mg/L		05/16/2011	15:37			KMH
Barium		1.00	mg/L		05/16/2011	15:37			KMH
Beryllium		1.01	mg/L		05/16/2011	15:37			KMH
Cadmium		1.02	mg/L		05/16/2011	15:37			KMH
Chromium		0.996	mg/L		05/16/2011	15:37			KMH
Cobalt		0.995	mg/L		05/16/2011	15:37			KMH
Copper		0.989	mg/L		05/16/2011	15:37			KMH
Iron		12.6	mg/L		05/16/2011	15:37			KMH
Lead		1.01	mg/L		05/16/2011	15:37			KMH
Nickel		1.01	mg/L		05/16/2011	15:37			KMH
Selenium		1.01	mg/L		05/16/2011	15:37			KMH
Silver		0.499	mg/L		05/16/2011	15:37			KMH
Sodium		208	mg/L		05/16/2011	15:37			KMH
Vanadium		1.00	mg/L		05/16/2011	15:37			KMH
Zinc		0.997	mg/L		05/16/2011	15:37			KMH
Initial Calibration for Metals by 200.7									
Antimony		0.979	mg/L		05/16/2011	13:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Initial Calibration for Metals by 200.7								
Arsenic		0.969	mg/L		05/16/2011	13:22		KMH
Barium		1.00	mg/L		05/16/2011	13:22		KMH
Beryllium		0.995	mg/L		05/16/2011	13:22		KMH
Cadmium		0.980	mg/L		05/16/2011	13:22		KMH
Chromium		0.999	mg/L		05/16/2011	13:22		KMH
Cobalt		1.01	mg/L		05/16/2011	13:22		KMH
Copper		0.995	mg/L		05/16/2011	13:22		KMH
Iron		12.6	mg/L		05/16/2011	13:22		KMH
Lead		1.02	mg/L		05/16/2011	13:22		KMH
Nickel		1.01	mg/L		05/16/2011	13:22		KMH
Selenium		1.01	mg/L		05/16/2011	13:22		KMH
Silver		0.247	mg/L		05/16/2011	13:22		KMH
Sodium		102	mg/L		05/16/2011	13:22		KMH
Vanadium		0.991	mg/L		05/16/2011	13:22		KMH
Zinc		0.990	mg/L		05/16/2011	13:22		KMH
Metals by 200.7								
Antimony		0.006	mg/L		05/16/2011	14:33		KMH
Arsenic		0.013	mg/L		05/16/2011	14:33		KMH
Barium		0.016	mg/L		05/16/2011	14:33		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:33		KMH
Cadmium		0.0004	mg/L	I	05/16/2011	14:33		KMH
Chromium		0.0035	mg/L	I	05/16/2011	14:33		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:33		KMH
Copper		0.0025	mg/L	I	05/16/2011	14:33		KMH
Iron		0.442	mg/L		05/16/2011	14:33		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.							
Metals by 200.7								
Lead		<0.0017	mg/L	U	05/16/2011 14:33			KMH
Nickel		0.0011	mg/L	I	05/16/2011 14:33			KMH
Selenium		<0.0046	mg/L	U	05/16/2011 14:33			KMH
Silver		<0.0007	mg/L	U	05/16/2011 14:33			KMH
Sodium		10.0	mg/L		05/16/2011 14:33			KMH
Vanadium		0.018	mg/L		05/16/2011 14:33			KMH
Zinc		<0.0029	mg/L	U	05/16/2011 14:33			KMH
LCS for Metals by 200.7								
Antimony		0.496	mg/L		05/16/2011 14:20			KMH
Arsenic		0.498	mg/L		05/16/2011 14:20			KMH
Barium		0.516	mg/L		05/16/2011 14:20			KMH
Beryllium		0.512	mg/L		05/16/2011 14:20			KMH
Cadmium		0.534	mg/L		05/16/2011 14:20			KMH
Chromium		0.512	mg/L		05/16/2011 14:20			KMH
Cobalt		0.530	mg/L		05/16/2011 14:20			KMH
Copper		0.508	mg/L		05/16/2011 14:20			KMH
Iron		10.8	mg/L		05/16/2011 14:20			KMH
Lead		0.511	mg/L		05/16/2011 14:20			KMH
Nickel		0.516	mg/L		05/16/2011 14:20			KMH
Selenium		0.507	mg/L		05/16/2011 14:20			KMH
Silver		0.504	mg/L		05/16/2011 14:20			KMH
Sodium		11.1	mg/L		05/16/2011 14:20			KMH
Vanadium		0.515	mg/L		05/16/2011 14:20			KMH
Zinc		0.511	mg/L		05/16/2011 14:20			KMH
RB for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011 14:11			KMH
Arsenic		<0.0038	mg/L	U	05/16/2011 14:11			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
RB for Metals by 200.7								
Barium		<0.0002	mg/L	U	05/16/2011	14:11		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:11		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	14:11		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	14:11		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:11		KMH
Copper		<0.0009	mg/L	U	05/16/2011	14:11		KMH
Iron		<0.046	mg/L	U	05/16/2011	14:11		KMH
Lead		<0.0017	mg/L	U	05/16/2011	14:11		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:11		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:11		KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:11		KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:11		KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:11		KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:11		KMH
MSD Recovery for Metals by 200.7								
Antimony		99.8	%		05/16/2011	14:33		KMH
Arsenic		102	%		05/16/2011	14:33		KMH
Barium		101	%		05/16/2011	14:33		KMH
Beryllium		101	%		05/16/2011	14:33		KMH
Cadmium		106	%		05/16/2011	14:33		KMH
Chromium		100	%		05/16/2011	14:33		KMH
Cobalt		104	%		05/16/2011	14:33		KMH
Copper		101	%		05/16/2011	14:33		KMH
Iron		99.8	%		05/16/2011	14:33		KMH
Lead		99.6	%		05/16/2011	14:33		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21773**	**QA Sample ID:**	**AE37588**					
Samples	**AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1215.							
MSD Recovery for Metals by 200.7								
Nickel		99.6	%		05/16/2011 14:33			KMH
Selenium		102	%		05/16/2011 14:33			KMH
Silver		101	%		05/16/2011 14:33			KMH
Sodium		104	%		05/16/2011 14:33			KMH
Vanadium		101	%		05/16/2011 14:33			KMH
Zinc		98.8	%		05/16/2011 14:33			KMH
MSD Result for Metals by 200.7								
Antimony		0.505	mg/L		05/16/2011 14:46			KMH
Arsenic		0.521	mg/L		05/16/2011 14:46			KMH
Barium		0.519	mg/L		05/16/2011 14:46			KMH
Beryllium		0.504	mg/L		05/16/2011 14:46			KMH
Cadmium		0.530	mg/L		05/16/2011 14:46			KMH
Chromium		0.504	mg/L		05/16/2011 14:46			KMH
Cobalt		0.518	mg/L		05/16/2011 14:46			KMH
Copper		0.509	mg/L		05/16/2011 14:46			KMH
Iron		7.18	mg/L		05/16/2011 14:46			KMH
Lead		0.498	mg/L		05/16/2011 14:46			KMH
Nickel		0.499	mg/L		05/16/2011 14:46			KMH
Selenium		0.510	mg/L		05/16/2011 14:46			KMH
Silver		0.503	mg/L		05/16/2011 14:46			KMH
Sodium		115	mg/L		05/16/2011 14:46			KMH
Vanadium		0.524	mg/L		05/16/2011 14:46			KMH
Zinc		0.494	mg/L		05/16/2011 14:46			KMH
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1211.							
Method Blank for Metals by 200.7								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Selenium analyzed on 5-19-11 @ 1211.							
Method Blank for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011	14:06		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	14:06		KMH
Barium		<0.0002	mg/L	U	05/16/2011	14:06		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:06		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	14:06		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	14:06		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:06		KMH
Copper		<0.0009	mg/L	U	05/16/2011	14:06		KMH
Iron		<0.046	mg/L	U	05/16/2011	14:06		KMH
Lead		<0.0017	mg/L	U	05/16/2011	14:06		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:06		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:06		KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:06		KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:06		KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:06		KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:06		KMH
Int Calb Rec for Metals by 200.7								
Antimony		97.9	%		05/16/2011	13:22		KMH
Arsenic		96.9	%		05/16/2011	13:22		KMH
Barium		100	%		05/16/2011	13:22		KMH
Beryllium		99.5	%		05/16/2011	13:22		KMH
Cadmium		98.0	%		05/16/2011	13:22		KMH
Chromium		99.9	%		05/16/2011	13:22		KMH
Cobalt		101	%		05/16/2011	13:22		KMH
Copper		99.5	%		05/16/2011	13:22		KMH
Iron		101	%		05/16/2011	13:22		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: $ICPWATER-21827		**QA Sample ID:** AE37458						
Samples AE37598 AE38471								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Int Calb Rec for Metals by 200.7								
Lead		102	%		05/16/2011	13:22		KMH
Nickel		101	%		05/16/2011	13:22		KMH
Selenium		101	%		05/16/2011	13:22		KMH
Silver		98.8	%		05/16/2011	13:22		KMH
Sodium		102	%		05/16/2011	13:22		KMH
Vanadium		99.1	%		05/16/2011	13:22		KMH
Zinc		99.0	%		05/16/2011	13:22		KMH
LCS Recovery for Metals by 200.7								
Antimony		98.2	%		05/16/2011	14:20		KMH
Arsenic		97.8	%		05/16/2011	14:20		KMH
Barium		102	%		05/16/2011	14:20		KMH
Beryllium		101	%		05/16/2011	14:20		KMH
Cadmium		106	%		05/16/2011	14:20		KMH
Chromium		101	%		05/16/2011	14:20		KMH
Cobalt		105	%		05/16/2011	14:20		KMH
Copper		100	%		05/16/2011	14:20		KMH
Iron		102	%		05/16/2011	14:20		KMH
Lead		101	%		05/16/2011	14:20		KMH
Nickel		102	%		05/16/2011	14:20		KMH
Selenium		101	%		05/16/2011	14:20		KMH
Silver		99.2	%		05/16/2011	14:20		KMH
Sodium		106	%		05/16/2011	14:20		KMH
Vanadium		101	%		05/16/2011	14:20		KMH
Zinc		101	%		05/16/2011	14:20		KMH
MS Result for Metals by 200.7								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**$ICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Result for Metals by 200.7								
Antimony		0.498	mg/L		05/16/2011 16:51			KMH
Arsenic		0.513	mg/L		05/16/2011 16:51			KMH
Barium		0.512	mg/L		05/16/2011 16:51			KMH
Beryllium		0.512	mg/L		05/16/2011 16:51			KMH
Cadmium		0.541	mg/L		05/16/2011 16:51			KMH
Chromium		0.503	mg/L		05/16/2011 16:51			KMH
Cobalt		0.520	mg/L		05/16/2011 16:51			KMH
Copper		0.505	mg/L		05/16/2011 16:51			KMH
Iron		15.8	mg/L		05/16/2011 16:51			KMH
Lead		0.501	mg/L		05/16/2011 16:51			KMH
Nickel		0.506	mg/L		05/16/2011 16:51			KMH
Selenium		0.495	mg/L		05/16/2011 16:51			KMH
Silver		0.506	mg/L		05/16/2011 16:51			KMH
Sodium		116	mg/L		05/16/2011 16:51			KMH
Vanadium		0.515	mg/L		05/16/2011 16:51			KMH
Zinc		0.499	mg/L		05/16/2011 16:51			KMH
MS Recovery for Metals by 200.7								
Antimony		99.6	%		05/16/2011 16:43			KMH
Arsenic		103	%		05/16/2011 16:43			KMH
Barium		101	%		05/16/2011 16:43			KMH
Beryllium		102	%		05/16/2011 16:43			KMH
Cadmium		108	%		05/16/2011 16:43			KMH
Chromium		100	%		05/16/2011 16:43			KMH
Cobalt		104	%		05/16/2011 16:43			KMH
Copper		101	%		05/16/2011 16:43			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: $ICPWATER-21827		**QA Sample ID:** AE37458						
Samples AE37598 AE38471								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Recovery for Metals by 200.7								
Iron		101	%		05/16/2011	16:43		KMH
Lead		100	%		05/16/2011	16:43		KMH
Nickel		101	%		05/16/2011	16:43		KMH
Selenium		99.0	%		05/16/2011	16:43		KMH
Silver		101	%		05/16/2011	16:43		KMH
Sodium		105	%		05/16/2011	16:43		KMH
Vanadium		101	%		05/16/2011	16:43		KMH
Zinc		98.8	%		05/16/2011	16:43		KMH
MS/MSD Precision for Metals by 200.7								
Antimony		0.604	%		05/16/2011	16:51		KMH
Arsenic		0.783	%		05/16/2011	16:51		KMH
Barium		0.196	%		05/16/2011	16:51		KMH
Beryllium		0.784	%		05/16/2011	16:51		KMH
Cadmium		0.556	%		05/16/2011	16:51		KMH
Chromium		0.199	%		05/16/2011	16:51		KMH
Cobalt		0.385	%		05/16/2011	16:51		KMH
Copper		0.198	%		05/16/2011	16:51		KMH
Iron		0.635	%		05/16/2011	16:51		KMH
Lead		0.400	%		05/16/2011	16:51		KMH
Nickel		0.00	%		05/16/2011	16:51		KMH
Selenium		0.202	%		05/16/2011	16:51		KMH
Silver		0.00	%		05/16/2011	16:51		KMH
Sodium		0.00	%		05/16/2011	16:51		KMH
Vanadium		0.194	%		05/16/2011	16:51		KMH
Zinc		0.00	%		05/16/2011	16:51		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
CCV Rec for Metals by 200.7								
Antimony		97.5	%		05/16/2011	18:06		KMH
Arsenic		98.3	%		05/16/2011	18:06		KMH
Barium		100	%		05/16/2011	18:06		KMH
Beryllium		102	%		05/16/2011	18:06		KMH
Cadmium		103	%		05/16/2011	18:06		KMH
Chromium		98.7	%		05/16/2011	18:06		KMH
Cobalt		99.1	%		05/16/2011	18:06		KMH
Copper		97.8	%		05/16/2011	18:06		KMH
Iron		102	%		05/16/2011	18:06		KMH
Lead		101	%		05/16/2011	18:06		KMH
Nickel		101	%		05/16/2011	18:06		KMH
Selenium		101	%		05/16/2011	18:06		KMH
Silver		100	%		05/16/2011	18:06		KMH
Sodium		104	%		05/16/2011	18:06		KMH
Vanadium		98.8	%		05/16/2011	18:06		KMH
Zinc		98.9	%		05/16/2011	18:06		KMH
Cont Blank for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011	18:24		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	18:24		KMH
Barium		<0.0002	mg/L	U	05/16/2011	18:24		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	18:24		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	18:24		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	18:24		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	18:24		KMH
Copper		<0.0009	mg/L	U	05/16/2011	18:24		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Cont Blank for Metals by 200.7								
Iron		<0.046	mg/L	U	05/16/2011 18:24			KMH
Lead		<0.0017	mg/L	U	05/16/2011 18:24			KMH
Nickel		<0.0002	mg/L	U	05/16/2011 18:24			KMH
Selenium		<0.0046	mg/L	U	05/16/2011 18:24			KMH
Silver		<0.0007	mg/L	U	05/16/2011 18:24			KMH
Sodium		<0.016	mg/L	U	05/16/2011 18:24			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011 18:24			KMH
Zinc		<0.0029	mg/L	U	05/16/2011 18:24			KMH
CCV for Metals by 200.7								
Antimony		0.975	mg/L		05/16/2011 18:06			KMH
Arsenic		0.983	mg/L		05/16/2011 18:06			KMH
Barium		1.00	mg/L		05/16/2011 18:06			KMH
Beryllium		1.02	mg/L		05/16/2011 18:06			KMH
Cadmium		1.03	mg/L		05/16/2011 18:06			KMH
Chromium		0.987	mg/L		05/16/2011 18:06			KMH
Cobalt		0.991	mg/L		05/16/2011 18:06			KMH
Copper		0.978	mg/L		05/16/2011 18:06			KMH
Iron		12.7	mg/L		05/16/2011 18:06			KMH
Lead		1.01	mg/L		05/16/2011 18:06			KMH
Nickel		1.01	mg/L		05/16/2011 18:06			KMH
Selenium		1.01	mg/L		05/16/2011 18:06			KMH
Silver		0.500	mg/L		05/16/2011 18:06			KMH
Sodium		209	mg/L		05/16/2011 18:06			KMH
Vanadium		0.988	mg/L		05/16/2011 18:06			KMH
Zinc		0.989	mg/L		05/16/2011 18:06			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-21827		**QA Sample ID:** AE37458						
Samples AE37598 AE38471								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Initial Calibration for Metals by 200.7								
Antimony		0.979	mg/L		05/16/2011	13:22		KMH
Arsenic		0.969	mg/L		05/16/2011	13:22		KMH
Barium		1.00	mg/L		05/16/2011	13:22		KMH
Beryllium		0.995	mg/L		05/16/2011	13:22		KMH
Cadmium		0.980	mg/L		05/16/2011	13:22		KMH
Chromium		0.999	mg/L		05/16/2011	13:22		KMH
Cobalt		1.01	mg/L		05/16/2011	13:22		KMH
Copper		0.995	mg/L		05/16/2011	13:22		KMH
Iron		12.6	mg/L		05/16/2011	13:22		KMH
Lead		1.02	mg/L		05/16/2011	13:22		KMH
Nickel		1.01	mg/L		05/16/2011	13:22		KMH
Selenium		1.01	mg/L		05/16/2011	13:22		KMH
Silver		0.247	mg/L		05/16/2011	13:22		KMH
Sodium		102	mg/L		05/16/2011	13:22		KMH
Vanadium		0.991	mg/L		05/16/2011	13:22		KMH
Zinc		0.990	mg/L		05/16/2011	13:22		KMH
Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011	16:43		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	16:43		KMH
Barium		0.005	mg/L		05/16/2011	16:43		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	16:43		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	16:43		KMH
Chromium		0.0016	mg/L	I	05/16/2011	16:43		KMH
Cobalt		0.0003	mg/L	I	05/16/2011	16:43		KMH
Copper		0.0011	mg/L	I	05/16/2011	16:43		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21827**		**QA Sample ID:** **AE37458**						
Samples **AE37598 AE38471**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Metals by 200.7								
Iron		9.00	mg/L		05/16/2011	16:43		KMH
Lead		<0.0017	mg/L	U	05/16/2011	16:43		KMH
Nickel		0.0004	mg/L	I	05/16/2011	16:43		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	16:43		KMH
Silver		<0.0007	mg/L	U	05/16/2011	16:43		KMH
Sodium		10.4	mg/L		05/16/2011	16:43		KMH
Vanadium		0.009	mg/L		05/16/2011	16:43		KMH
Zinc		0.0048	mg/L	I	05/16/2011	16:43		KMH
LCS for Metals by 200.7								
Antimony		0.491	mg/L		05/16/2011	14:20		KMH
Arsenic		0.489	mg/L		05/16/2011	14:20		KMH
Barium		0.509	mg/L		05/16/2011	14:20		KMH
Beryllium		0.507	mg/L		05/16/2011	14:20		KMH
Cadmium		0.528	mg/L		05/16/2011	14:20		KMH
Chromium		0.505	mg/L		05/16/2011	14:20		KMH
Cobalt		0.524	mg/L		05/16/2011	14:20		KMH
Copper		0.501	mg/L		05/16/2011	14:20		KMH
Iron		10.7	mg/L		05/16/2011	14:20		KMH
Lead		0.506	mg/L		05/16/2011	14:20		KMH
Nickel		0.508	mg/L		05/16/2011	14:20		KMH
Selenium		0.504	mg/L		05/16/2011	14:20		KMH
Silver		0.496	mg/L		05/16/2011	14:20		KMH
Sodium		11.1	mg/L		05/16/2011	14:20		KMH
Vanadium		0.507	mg/L		05/16/2011	14:20		KMH
Zinc		0.504	mg/L		05/16/2011	14:20		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
RB for Metals by 200.7								
Antimony		<0.0039	mg/L	U	05/16/2011	14:16		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	14:16		KMH
Barium		<0.0002	mg/L	U	05/16/2011	14:16		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:16		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	14:16		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	14:16		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:16		KMH
Copper		<0.0009	mg/L	U	05/16/2011	14:16		KMH
Iron		<0.046	mg/L	U	05/16/2011	14:16		KMH
Lead		<0.0017	mg/L	U	05/16/2011	14:16		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:16		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:16		KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:16		KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:16		KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:16		KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:16		KMH
MSD Recovery for Metals by 200.7								
Antimony		99.0	%		05/16/2011	16:43		KMH
Arsenic		102	%		05/16/2011	16:43		KMH
Barium		101	%		05/16/2011	16:43		KMH
Beryllium		102	%		05/16/2011	16:43		KMH
Cadmium		108	%		05/16/2011	16:43		KMH
Chromium		100	%		05/16/2011	16:43		KMH
Cobalt		104	%		05/16/2011	16:43		KMH
Copper		100	%		05/16/2011	16:43		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21827**	**QA Sample ID:**	**AE37458**					
Samples	**AE37598 AE38471**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MSD Recovery for Metals by 200.7								
Iron		99.2	%		05/16/2011 16:43			KMH
Lead		99.8	%		05/16/2011 16:43			KMH
Nickel		101	%		05/16/2011 16:43			KMH
Selenium		98.8	%		05/16/2011 16:43			KMH
Silver		101	%		05/16/2011 16:43			KMH
Sodium		105	%		05/16/2011 16:43			KMH
Vanadium		101	%		05/16/2011 16:43			KMH
Zinc		98.8	%		05/16/2011 16:43			KMH
MSD Result for Metals by 200.7								
Antimony		0.495	mg/L		05/16/2011 16:55			KMH
Arsenic		0.509	mg/L		05/16/2011 16:55			KMH
Barium		0.511	mg/L		05/16/2011 16:55			KMH
Beryllium		0.508	mg/L		05/16/2011 16:55			KMH
Cadmium		0.538	mg/L		05/16/2011 16:55			KMH
Chromium		0.502	mg/L		05/16/2011 16:55			KMH
Cobalt		0.518	mg/L		05/16/2011 16:55			KMH
Copper		0.504	mg/L		05/16/2011 16:55			KMH
Iron		15.7	mg/L		05/16/2011 16:55			KMH
Lead		0.499	mg/L		05/16/2011 16:55			KMH
Nickel		0.506	mg/L		05/16/2011 16:55			KMH
Selenium		0.494	mg/L		05/16/2011 16:55			KMH
Silver		0.506	mg/L		05/16/2011 16:55			KMH
Sodium		116	mg/L		05/16/2011 16:55			KMH
Vanadium		0.514	mg/L		05/16/2011 16:55			KMH
Zinc		0.499	mg/L		05/16/2011 16:55			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21828**		**QA Sample ID:**	**AE39077**					
Samples **AE37599 AE37600**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Method Blank for Metals by 200.7								
Aluminum		<0.039	mg/L	U	05/16/2011	14:04		KMH
Antimony		<0.0039	mg/L	U	05/16/2011	14:04		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	14:04		KMH
Barium		<0.0002	mg/L	U	05/16/2011	14:04		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:04		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	14:04		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	14:04		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:04		KMH
Copper		<0.0009	mg/L	U	05/16/2011	14:04		KMH
Iron		<0.046	mg/L	U	05/16/2011	14:04		KMH
Lead		<0.0017	mg/L	U	05/16/2011	14:04		KMH
Manganese		<0.0004	mg/L	U	05/16/2011	14:04		KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011	14:04		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:04		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:04		KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:04		KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:04		KMH
Thallium		<0.0016	mg/L	U	05/16/2011	14:04		KMH
Tin		<0.0017	mg/L	U	05/16/2011	14:04		KMH
Titanium		<0.0001	mg/L	U	05/16/2011	14:04		KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:04		KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:04		KMH
Int Calb Rec for Metals by 200.7								
Aluminum		105	%		05/16/2011	13:22		KMH
Antimony		97.9	%		05/16/2011	13:22		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21828**		**QA Sample ID:**	**AE39077**					
Samples **AE37599 AE37600**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Int Calb Rec for Metals by 200.7								
Arsenic		96.9	%		05/16/2011	13:22		KMH
Barium		100	%		05/16/2011	13:22		KMH
Beryllium		99.5	%		05/16/2011	13:22		KMH
Cadmium		98.0	%		05/16/2011	13:22		KMH
Chromium		99.9	%		05/16/2011	13:22		KMH
Cobalt		101	%		05/16/2011	13:22		KMH
Copper		99.5	%		05/16/2011	13:22		KMH
Iron		101	%		05/16/2011	13:22		KMH
Lead		102	%		05/16/2011	13:22		KMH
Manganese		100	%		05/16/2011	13:22		KMH
Molybdenum		98.8	%		05/16/2011	13:22		KMH
Nickel		101	%		05/16/2011	13:22		KMH
Selenium		102	%		05/16/2011	13:22		KMH
Silver		98.8	%		05/16/2011	13:22		KMH
Sodium		102	%		05/16/2011	13:22		KMH
Thallium		102	%		05/16/2011	13:22		KMH
Tin		100	%		05/16/2011	13:22		KMH
Titanium		97.6	%		05/16/2011	13:22		KMH
Vanadium		99.1	%		05/16/2011	13:22		KMH
Zinc		99.0	%		05/16/2011	13:22		KMH
LCS Recovery for Metals by 200.7								
Aluminum		101	%		05/16/2011	14:24		KMH
Antimony		98.2	%		05/16/2011	14:24		KMH
Arsenic		97.8	%		05/16/2011	14:24		KMH
Barium		102	%		05/16/2011	14:24		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: $ICPWATER-21828		**QA Sample ID:** AE39077						
Samples AE37599 AE37600								
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1215.						
LCS Recovery for Metals by 200.7								
Beryllium		101	%		05/16/2011	14:24		KMH
Cadmium		106	%		05/16/2011	14:24		KMH
Chromium		101	%		05/16/2011	14:24		KMH
Cobalt		105	%		05/16/2011	14:24		KMH
Copper		100	%		05/16/2011	14:24		KMH
Iron		102	%		05/16/2011	14:24		KMH
Lead		101	%		05/16/2011	14:24		KMH
Manganese		103	%		05/16/2011	14:24		KMH
Molybdenum		99.2	%		05/16/2011	14:24		KMH
Nickel		102	%		05/16/2011	14:24		KMH
Selenium		98.8	%		05/16/2011	14:24		KMH
Silver		99.2	%		05/16/2011	14:24		KMH
Sodium		106	%		05/16/2011	14:24		KMH
Thallium		101	%		05/16/2011	14:24		KMH
Tin		99.0	%		05/16/2011	14:24		KMH
Titanium		101	%		05/16/2011	14:24		KMH
Vanadium		101	%		05/16/2011	14:24		KMH
Zinc		101	%		05/16/2011	14:24		KMH
MS Result for Metals by 200.7								
Aluminum		11.1	mg/L		05/16/2011	18:36		KMH
Antimony		0.490	mg/L		05/16/2011	18:36		KMH
Arsenic		0.508	mg/L		05/16/2011	18:36		KMH
Barium		0.532	mg/L		05/16/2011	18:36		KMH
Beryllium		0.503	mg/L		05/16/2011	18:36		KMH
Cadmium		0.539	mg/L		05/16/2011	18:36		KMH
Chromium		0.505	mg/L		05/16/2011	18:36		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: $ICPWATER-21828		**QA Sample ID:** AE39077						
Samples AE37599 AE37600								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Result for Metals by 200.7								
Cobalt		0.517	mg/L		05/16/2011 18:36			KMH
Copper		0.542	mg/L		05/16/2011 18:36			KMH
Iron		28.2	mg/L		05/16/2011 18:36			KMH
Lead		0.494	mg/L		05/16/2011 18:36			KMH
Manganese		0.828	mg/L		05/16/2011 18:36			KMH
Molybdenum		0.504	mg/L		05/16/2011 18:36			KMH
Nickel		0.512	mg/L		05/16/2011 18:36			KMH
Selenium		0.458	mg/L		05/16/2011 18:36			KMH
Silver		0.506	mg/L		05/16/2011 18:36			KMH
Sodium		175	mg/L		05/16/2011 18:36			KMH
Thallium		0.484	mg/L		05/16/2011 18:36			KMH
Tin		0.411	mg/L		05/16/2011 18:36			KMH
Titanium		0.556	mg/L		05/16/2011 18:36			KMH
Vanadium		0.526	mg/L		05/16/2011 18:36			KMH
Zinc		0.699	mg/L		05/16/2011 18:36			KMH
MS Recovery for Metals by 200.7								
Aluminum		98.8	%		05/16/2011 18:28			KMH
Antimony		96.6	%		05/16/2011 18:28			KMH
Arsenic		99.8	%		05/16/2011 18:28			KMH
Barium		101	%		05/16/2011 18:28			KMH
Beryllium		100	%		05/16/2011 18:28			KMH
Cadmium		108	%		05/16/2011 18:28			KMH
Chromium		99.4	%		05/16/2011 18:28			KMH
Cobalt		102	%		05/16/2011 18:28			KMH
Copper		101	%		05/16/2011 18:28			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21828**		**QA Sample ID:**	**AE39077**					
Samples **AE37599 AE37600**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS Recovery for Metals by 200.7								
Iron		97.8	%		05/16/2011 18:28			KMH
Lead		98.4	%		05/16/2011 18:28			KMH
Manganese		106	%		05/16/2011 18:28			KMH
Molybdenum		99.6	%		05/16/2011 18:28			KMH
Nickel		100	%		05/16/2011 18:28			KMH
Selenium		91.6	%		05/16/2011 18:28			KMH
Silver		101	%		05/16/2011 18:28			KMH
Sodium		106	%		05/16/2011 18:28			KMH
Thallium		96.8	%		05/16/2011 18:28			KMH
Tin		82.2	%		05/16/2011 18:28			KMH
Titanium		103	%		05/16/2011 18:28			KMH
Vanadium		101	%		05/16/2011 18:28			KMH
Zinc		95.4	%		05/16/2011 18:28			KMH
MS/MSD Precision for Metals by 200.7								
Aluminum		0.897	%		05/16/2011 18:36			KMH
Antimony		0.820	%		05/16/2011 18:36			KMH
Arsenic		1.59	%		05/16/2011 18:36			KMH
Barium		0.377	%		05/16/2011 18:36			KMH
Beryllium		0.199	%		05/16/2011 18:36			KMH
Cadmium		0.558	%		05/16/2011 18:36			KMH
Chromium		0.795	%		05/16/2011 18:36			KMH
Cobalt		0.777	%		05/16/2011 18:36			KMH
Copper		0.741	%		05/16/2011 18:36			KMH
Iron		0.354	%		05/16/2011 18:36			KMH
Lead		1.02	%		05/16/2011 18:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21828**	**QA Sample ID:**		**AE39077**				
Samples	**AE37599 AE37600**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MS/MSD Precision for Metals by 200.7								
Manganese		0.484	%		05/16/2011	18:36		KMH
Molybdenum		0.797	%		05/16/2011	18:36		KMH
Nickel		0.784	%		05/16/2011	18:36		KMH
Selenium		1.30	%		05/16/2011	18:36		KMH
Silver		0.595	%		05/16/2011	18:36		KMH
Sodium		0.00	%		05/16/2011	18:36		KMH
Thallium		0.00	%		05/16/2011	18:36		KMH
Tin		0.488	%		05/16/2011	18:36		KMH
Titanium		0.903	%		05/16/2011	18:36		KMH
Vanadium		0.763	%		05/16/2011	18:36		KMH
Zinc		1.01	%		05/16/2011	18:36		KMH
CCV Rec for Metals by 200.7								
Aluminum		102	%		05/16/2011	19:48		KMH
Antimony		96.8	%		05/16/2011	19:48		KMH
Arsenic		97.6	%		05/16/2011	19:48		KMH
Barium		100	%		05/16/2011	19:48		KMH
Beryllium		101	%		05/16/2011	19:48		KMH
Cadmium		103	%		05/16/2011	19:48		KMH
Chromium		98.4	%		05/16/2011	19:48		KMH
Cobalt		98.6	%		05/16/2011	19:48		KMH
Copper		97.2	%		05/16/2011	19:48		KMH
Iron		101	%		05/16/2011	19:48		KMH
Lead		100	%		05/16/2011	19:48		KMH
Manganese		102	%		05/16/2011	19:48		KMH
Molybdenum		100	%		05/16/2011	19:48		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21828**	**QA Sample ID:**	**AE39077**					
Samples	**AE37599 AE37600**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
CCV Rec for Metals by 200.7								
Nickel		101	%		05/16/2011	19:48		KMH
Selenium		96.5	%		05/16/2011	19:48		KMH
Silver		99.8	%		05/16/2011	19:48		KMH
Sodium		104	%		05/16/2011	19:48		KMH
Thallium		102	%		05/16/2011	19:48		KMH
Tin		98.7	%		05/16/2011	19:48		KMH
Titanium		103	%		05/16/2011	19:48		KMH
Vanadium		98.3	%		05/16/2011	19:48		KMH
Zinc		98.4	%		05/16/2011	19:48		KMH
Cont Blank for Metals by 200.7								
Aluminum		<0.039	mg/L	U	05/16/2011	19:27		KMH
Antimony		<0.0039	mg/L	U	05/16/2011	19:27		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	19:27		KMH
Barium		<0.0002	mg/L	U	05/16/2011	19:27		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	19:27		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	19:27		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	19:27		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	19:27		KMH
Copper		<0.0009	mg/L	U	05/16/2011	19:27		KMH
Iron		<0.046	mg/L	U	05/16/2011	19:27		KMH
Lead		<0.0017	mg/L	U	05/16/2011	19:27		KMH
Manganese		<0.0004	mg/L	U	05/16/2011	19:27		KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011	19:27		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	19:27		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	19:27		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21828**	**QA Sample ID:**	**AE39077**					
Samples	**AE37599 AE37600**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Cont Blank for Metals by 200.7								
Silver		<0.0007	mg/L	U	05/16/2011 19:27			KMH
Sodium		0.036	mg/L	I	05/16/2011 19:27			KMH
Thallium		0.0023	mg/L	I	05/16/2011 19:27			KMH
Tin		<0.0017	mg/L	U	05/16/2011 19:27			KMH
Titanium		<0.0001	mg/L	U	05/16/2011 19:27			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011 19:27			KMH
Zinc		<0.0029	mg/L	U	05/16/2011 19:27			KMH
CCV for Metals by 200.7								
Aluminum		21.4	mg/L		05/16/2011 19:48			KMH
Antimony		0.968	mg/L		05/16/2011 19:48			KMH
Arsenic		0.976	mg/L		05/16/2011 19:48			KMH
Barium		1.00	mg/L		05/16/2011 19:48			KMH
Beryllium		1.01	mg/L		05/16/2011 19:48			KMH
Cadmium		1.03	mg/L		05/16/2011 19:48			KMH
Chromium		0.984	mg/L		05/16/2011 19:48			KMH
Cobalt		0.986	mg/L		05/16/2011 19:48			KMH
Copper		0.972	mg/L		05/16/2011 19:48			KMH
Iron		12.6	mg/L		05/16/2011 19:48			KMH
Lead		1.00	mg/L		05/16/2011 19:48			KMH
Manganese		1.02	mg/L		05/16/2011 19:48			KMH
Molybdenum		1.00	mg/L		05/16/2011 19:48			KMH
Nickel		1.01	mg/L		05/16/2011 19:48			KMH
Selenium		0.965	mg/L		05/16/2011 19:48			KMH
Silver		0.499	mg/L		05/16/2011 19:48			KMH
Sodium		209	mg/L		05/16/2011 19:48			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-21828		**QA Sample ID:** AE39077						
Samples AE37599 AE37600								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
CCV for Metals by 200.7								
Thallium		1.02	mg/L		05/16/2011 19:48			KMH
Tin		0.987	mg/L		05/16/2011 19:48			KMH
Titanium		1.03	mg/L		05/16/2011 19:48			KMH
Vanadium		0.983	mg/L		05/16/2011 19:48			KMH
Zinc		0.984	mg/L		05/16/2011 19:48			KMH
Initial Calibration for Metals by 200.7								
Aluminum		1.05	mg/L		05/16/2011 13:22			KMH
Antimony		0.979	mg/L		05/16/2011 13:22			KMH
Arsenic		0.969	mg/L		05/16/2011 13:22			KMH
Barium		1.00	mg/L		05/16/2011 13:22			KMH
Beryllium		0.995	mg/L		05/16/2011 13:22			KMH
Cadmium		0.980	mg/L		05/16/2011 13:22			KMH
Chromium		0.999	mg/L		05/16/2011 13:22			KMH
Cobalt		1.01	mg/L		05/16/2011 13:22			KMH
Copper		0.995	mg/L		05/16/2011 13:22			KMH
Iron		12.6	mg/L		05/16/2011 13:22			KMH
Lead		1.02	mg/L		05/16/2011 13:22			KMH
Manganese		1.00	mg/L		05/16/2011 13:22			KMH
Molybdenum		0.988	mg/L		05/16/2011 13:22			KMH
Nickel		1.01	mg/L		05/16/2011 13:22			KMH
Selenium		1.02	mg/L		05/16/2011 13:22			KMH
Silver		0.247	mg/L		05/16/2011 13:22			KMH
Sodium		102	mg/L		05/16/2011 13:22			KMH
Thallium		1.02	mg/L		05/16/2011 13:22			KMH
Tin		1.00	mg/L		05/16/2011 13:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21828**	**QA Sample ID:**	**AE39077**					
Samples	**AE37599 AE37600**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Initial Calibration for Metals by 200.7								
Titanium		0.976	mg/L		05/16/2011	13:22		KMH
Vanadium		0.991	mg/L		05/16/2011	13:22		KMH
Zinc		0.990	mg/L		05/16/2011	13:22		KMH
Metals by 200.7								
Aluminum		0.724	mg/L		05/16/2011	18:28		KMH
Antimony		0.007	mg/L		05/16/2011	18:28		KMH
Arsenic		0.009	mg/L		05/16/2011	18:28		KMH
Barium		0.029	mg/L		05/16/2011	18:28		KMH
Beryllium		0.0001	mg/L	I	05/16/2011	18:28		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	18:28		KMH
Chromium		0.008	mg/L		05/16/2011	18:28		KMH
Cobalt		0.006	mg/L		05/16/2011	18:28		KMH
Copper		0.038	mg/L		05/16/2011	18:28		KMH
Iron		21.6	mg/L		05/16/2011	18:28		KMH
Lead		0.0019	mg/L	I	05/16/2011	18:28		KMH
Manganese		0.298	mg/L		05/16/2011	18:28		KMH
Molybdenum		0.006	mg/L		05/16/2011	18:28		KMH
Nickel		0.010	mg/L		05/16/2011	18:28		KMH
Selenium		<0.0046	mg/L	U,J	05/16/2011	18:28		KMH
Silver		<0.0007	mg/L	U	05/16/2011	18:28		KMH
Sodium		68.4	mg/L		05/16/2011	18:28		KMH
Thallium		<0.0016	mg/L	U	05/16/2011	18:28		KMH
Tin		<0.0017	mg/L	U	05/16/2011	18:28		KMH
Titanium		0.041	mg/L		05/16/2011	18:28		KMH
Vanadium		0.023	mg/L		05/16/2011	18:28		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-21828		**QA Sample ID:** AE39077						
Samples AE37599 AE37600								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
Metals by 200.7								
Zinc		0.222	mg/L		05/16/2011 18:28			KMH
LCS for Metals by 200.7								
Aluminum		10.6	mg/L		05/16/2011 14:24			KMH
Antimony		0.491	mg/L		05/16/2011 14:24			KMH
Arsenic		0.489	mg/L		05/16/2011 14:24			KMH
Barium		0.509	mg/L		05/16/2011 14:24			KMH
Beryllium		0.507	mg/L		05/16/2011 14:24			KMH
Cadmium		0.528	mg/L		05/16/2011 14:24			KMH
Chromium		0.505	mg/L		05/16/2011 14:24			KMH
Cobalt		0.524	mg/L		05/16/2011 14:24			KMH
Copper		0.501	mg/L		05/16/2011 14:24			KMH
Iron		10.7	mg/L		05/16/2011 14:24			KMH
Lead		0.506	mg/L		05/16/2011 14:24			KMH
Manganese		0.514	mg/L		05/16/2011 14:24			KMH
Molybdenum		0.496	mg/L		05/16/2011 14:24			KMH
Nickel		0.508	mg/L		05/16/2011 14:24			KMH
Selenium		0.494	mg/L		05/16/2011 14:24			KMH
Silver		0.496	mg/L		05/16/2011 14:24			KMH
Sodium		11.1	mg/L		05/16/2011 14:24			KMH
Thallium		0.507	mg/L		05/16/2011 14:24			KMH
Tin		0.495	mg/L		05/16/2011 14:24			KMH
Titanium		0.507	mg/L		05/16/2011 14:24			KMH
Vanadium		0.507	mg/L		05/16/2011 14:24			KMH
Zinc		0.504	mg/L		05/16/2011 14:24			KMH
RB for Metals by 200.7								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21828**		**QA Sample ID:**	**AE39077**					
Samples **AE37599 AE37600**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
RB for Metals by 200.7								
Aluminum		<0.039	mg/L	U	05/16/2011 14:16			KMH
Antimony		<0.0039	mg/L	U	05/16/2011 14:16			KMH
Arsenic		<0.0038	mg/L	U	05/16/2011 14:16			KMH
Barium		<0.0002	mg/L	U	05/16/2011 14:16			KMH
Beryllium		<0.00004	mg/L	U	05/16/2011 14:16			KMH
Cadmium		<0.0004	mg/L	U	05/16/2011 14:16			KMH
Chromium		<0.0007	mg/L	U	05/16/2011 14:16			KMH
Cobalt		<0.0003	mg/L	U	05/16/2011 14:16			KMH
Copper		<0.0009	mg/L	U	05/16/2011 14:16			KMH
Iron		<0.046	mg/L	U	05/16/2011 14:16			KMH
Lead		<0.0017	mg/L	U	05/16/2011 14:16			KMH
Manganese		<0.0004	mg/L	U	05/16/2011 14:16			KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011 14:16			KMH
Nickel		<0.0002	mg/L	U	05/16/2011 14:16			KMH
Selenium		<0.0046	mg/L	U	05/16/2011 14:16			KMH
Silver		<0.0007	mg/L	U	05/16/2011 14:16			KMH
Sodium		<0.016	mg/L	U	05/16/2011 14:16			KMH
Thallium		<0.0016	mg/L	U	05/16/2011 14:16			KMH
Tin		<0.0017	mg/L	U	05/16/2011 14:16			KMH
Titanium		<0.0001	mg/L	U	05/16/2011 14:16			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011 14:16			KMH
Zinc		<0.0029	mg/L	U	05/16/2011 14:16			KMH
MSD Recovery for Metals by 200.7								
Aluminum		99.8	%		05/16/2011 18:28			KMH
Antimony		95.8	%		05/16/2011 18:28			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name:	**SICPWATER-21828**	**QA Sample ID:**	**AE39077**					
Samples	**AE37599 AE37600**							
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MSD Recovery for Metals by 200.7								
Arsenic		98.2	%		05/16/2011 18:28			KMH
Barium		100	%		05/16/2011 18:28			KMH
Beryllium		101	%		05/16/2011 18:28			KMH
Cadmium		107	%		05/16/2011 18:28			KMH
Chromium		98.6	%		05/16/2011 18:28			KMH
Cobalt		101	%		05/16/2011 18:28			KMH
Copper		100	%		05/16/2011 18:28			KMH
Iron		99.2	%		05/16/2011 18:28			KMH
Lead		97.4	%		05/16/2011 18:28			KMH
Manganese		105	%		05/16/2011 18:28			KMH
Molybdenum		98.8	%		05/16/2011 18:28			KMH
Nickel		99.6	%		05/16/2011 18:28			KMH
Selenium		92.8	%		05/16/2011 18:28			KMH
Silver		101	%		05/16/2011 18:28			KMH
Sodium		106	%		05/16/2011 18:28			KMH
Thallium		96.8	%		05/16/2011 18:28			KMH
Tin		81.8	%		05/16/2011 18:28			KMH
Titanium		102	%		05/16/2011 18:28			KMH
Vanadium		99.8	%		05/16/2011 18:28			KMH
Zinc		94.0	%		05/16/2011 18:28			KMH
MSD Result for Metals by 200.7								
Aluminum		11.2	mg/L		05/16/2011 18:40			KMH
Antimony		0.486	mg/L		05/16/2011 18:40			KMH
Arsenic		0.500	mg/L		05/16/2011 18:40			KMH
Barium		0.530	mg/L		05/16/2011 18:40			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: **SICPWATER-21828**		**QA Sample ID:**	**AE39077**					
Samples **AE37599 AE37600**								
Analysis Comments:	Nickel : "V","J" : The analyte was detected above MDL in method blank and reagent blank ; sample value associated with both blanks is detected below 10 times method blanks value and s reagent blank value. Sample value is below PQL.							
MSD Result for Metals by 200.7								
Beryllium		0.504	mg/L		05/16/2011 18:40			KMH
Cadmium		0.536	mg/L		05/16/2011 18:40			KMH
Chromium		0.501	mg/L		05/16/2011 18:40			KMH
Cobalt		0.513	mg/L		05/16/2011 18:40			KMH
Copper		0.538	mg/L		05/16/2011 18:40			KMH
Iron		28.3	mg/L		05/16/2011 18:40			KMH
Lead		0.489	mg/L		05/16/2011 18:40			KMH
Manganese		0.824	mg/L		05/16/2011 18:40			KMH
Molybdenum		0.500	mg/L		05/16/2011 18:40			KMH
Nickel		0.508	mg/L		05/16/2011 18:40			KMH
Selenium		0.464	mg/L		05/16/2011 18:40			KMH
Silver		0.503	mg/L		05/16/2011 18:40			KMH
Sodium		175	mg/L		05/16/2011 18:40			KMH
Thallium		0.484	mg/L		05/16/2011 18:40			KMH
Tin		0.409	mg/L		05/16/2011 18:40			KMH
Titanium		0.551	mg/L		05/16/2011 18:40			KMH
Vanadium		0.522	mg/L		05/16/2011 18:40			KMH
Zinc		0.692	mg/L		05/16/2011 18:40			KMH
Batch Name: **AMM-21766**		**QA Sample ID:**	**AE39014**					
Samples **AE37601 AE37602**								
Ammonia		49.5	mg/L		05/04/2011 14:01			EMM
Sample Dup for Ammonia		49.7	mg/L		05/04/2011 13:13			EMM
Dup Precision for Ammonia		0.403	%		05/04/2011 14:01			EMM
Amt Spiked for Ammonia		50.0	mg/L		05/04/2011 14:23			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: AMM-21766		**QA Sample ID: AE39014**						
Samples AE37601 AE37602								
MS Result for Ammonia		103	mg/L		05/04/2011	14:23		EMM
MS Recovery for Ammonia		107	%		05/04/2011	14:01		EMM
Cont Calb Rec for Ammonia		98.1	%		05/05/2011	07:27		EMM
Continuing Cal. Blank for Ammonia		<0.018	mg/L	U	05/05/2011	07:27		EMM
Method Blank for Ammonia		<0.018	mg/L	U	05/05/2011	07:27		EMM
Continuous Calibration for Ammonia		0.981	mg/L		05/05/2011	07:27		EMM
ICV for Ammonia		0.497	mg/L		05/04/2011	13:12		EMM
ICV Rec for Ammonia		99.4	%		05/04/2011	13:12		EMM
Batch Name: AMM-21767		**QA Sample ID: AE37584**						
Samples AE37584 AE37585 AE37586 AE37587 AE37588 AE37589 AE37590 AE37591 AE37592								
Ammonia		0.621	mg/L		05/04/2011	14:13		EMM
Sample Dup for Ammonia		0.611	mg/L		05/04/2011	13:23		EMM
Dup Precision for Ammonia		1.62	%		05/04/2011	14:13		EMM
Amt Spiked for Ammonia		1.00	mg/L		05/04/2011	14:35		EMM
MS Result for Ammonia		1.66	mg/L		05/04/2011	14:35		EMM
MS Recovery for Ammonia		104	%		05/04/2011	14:13		EMM
Cont Calb Rec for Ammonia		97.7	%		05/05/2011	07:27		EMM
Continuing Cal. Blank for Ammonia		<0.018	mg/L	U	05/05/2011	07:27		EMM
Continuous Calibration for Ammonia		0.977	mg/L		05/05/2011	07:27		EMM
Batch Name: AMM-21810		**QA Sample ID: AE39031**						
Samples AE37593 AE37594 AE37595 AE37596 AE37597 AE37598 AE37599								
Ammonia		6.08	mg/L		05/10/2011	15:30		EMM
Sample Dup for Ammonia		5.65	mg/L		05/10/2011	15:30		EMM
Dup Precision for Ammonia		7.33	%		05/10/2011	15:30		EMM
Amt Spiked for Ammonia		25.0	mg/L		05/10/2011	15:30		EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: AMM-21810		**QA Sample ID: AE39031**						
Samples AE37593 AE37594 AE37595 AE37596 AE37597 AE37598 AE37599								
MS Result for Ammonia		30.6	mg/L		05/10/2011	15:30		EMM
MS Recovery for Ammonia		98.1	%		05/10/2011	15:30		EMM
Cont Calb Rec for Ammonia		98.2	%		05/11/2011	10:45		EMM
Continuing Cal. Blank for Ammonia		<0.018	mg/L	U	05/11/2011	10:45		EMM
Method Blank for Ammonia		<0.018	mg/L	U	05/11/2011	10:45		EMM
Continuous Calibration for Ammonia		0.982	mg/L		05/11/2011	10:45		EMM
ICV for Ammonia		0.464	mg/L		05/10/2011	15:30		EMM
ICV Rec for Ammonia		92.8	%		05/10/2011	15:30		EMM
Batch Name: AMM-21824		**QA Sample ID: AE37459**						
Samples AE37600 AE38471								
Ammonia		6.53	mg/L		05/13/2011	07:36		AC
Sample Dup for Ammonia		6.50	mg/L		05/13/2011	07:36		AC
Dup Precision for Ammonia		0.460	%		05/13/2011	07:36		AC
Amt Spiked for Ammonia		5.00	mg/L		05/13/2011	07:36		AC
MS Result for Ammonia		11.6	mg/L		05/13/2011	07:36		AC
MS Recovery for Ammonia		101	%		05/13/2011	07:36		AC
Cont Calb Rec for Ammonia		95.4	%		05/13/2011	07:36		AC
Continuing Cal. Blank for Ammonia		<0.018	mg/L	U	05/13/2011	07:36		AC
Method Blank for Ammonia		<0.018	mg/L	U	05/13/2011	07:36		AC
Continuous Calibration for Ammonia		0.954	mg/L		05/13/2011	07:36		AC
ICV for Ammonia		0.455	mg/L		05/13/2011	07:36		AC
ICV Rec for Ammonia		91.0	%		05/13/2011	07:36		AC
Batch Name: ASAA-21864		**QA Sample ID: AE37459**						
Samples AE37600 AE37601 AE37602 AE38471								
Arsenic by GFAAS		0.065	mg/L	J	06/06/2011	13:11		IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: ASAA-21864		**QA Sample ID:** AE37459						
Samples AE37600 AE37601 AE37602 AE38471								
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Method Blank for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCB for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV for Arsenic by GFAAS		0.053	mg/L		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV Rec for Arsenic by GFAAS		106	%		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
ICV for Arsenic by GFAAS		0.052	mg/L		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
ICV Rec for Arsenic by GFAAS		104	%		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
LCS for Arsenic by GFAAS		0.057	mg/L		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
LCS Rec for Arsenic by GFAAS		114	%		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MS Rec for Arsenic by GFAAS		128	%		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
Reagent Blank for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MSD Rec for Arsenic by GFAAS		126	%		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MS Result for Arsenic by GFAAS		0.129	mg/L		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MSD Result for Arsenic by GFAAS		0.128	mg/L		06/06/2011 13:11			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: ASAA-21864		**QA Sample ID:** AE37459						
Samples AE37600 AE37601 AE37602 AE38471								
MS/MSD Prec for Arsenic by GFAAS		0.778	%		06/06/2011 13:11			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Batch Name: ASAA-21865		**QA Sample ID:** AE37465						
Samples AE37584 AE37585 AE37586 AE37587 AE37589 AE37590 AE37591 AE37592 AE37593								
Arsenic by GFAAS		0.005	mg/L	J	06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Method Blank for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
CCB for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV for Arsenic by GFAAS		0.053	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV Rec for Arsenic by GFAAS		106	%		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
ICV for Arsenic by GFAAS		0.054	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
LCS for Arsenic by GFAAS		0.056	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MS Rec for Arsenic by GFAAS		124	%		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Reagent Blank for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MSD Rec for Arsenic by GFAAS		128	%		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: ASAA-21865		**QA Sample ID: AE37465**						
Samples AE37584 AE37585 AE37586 AE37587 AE37589 AE37590 AE37591 AE37592 AE37593								
MS Result for Arsenic by GFAAS		0.067	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MSD Result for Arsenic by GFAAS		0.069	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MS/MSD Prec for Arsenic by GFAAS		2.94	%		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
Batch Name: ASAA-21866		**QA Sample ID: AE37594**						
Samples AE37594 AE37596 AE37598								
Arsenic by GFAAS		0.026	mg/L	J	06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCB for Arsenic by GFAAS		0.0005	mg/L	I	06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
CCV for Arsenic by GFAAS		0.047	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
CCV Rec for Arsenic by GFAAS		94.0	%		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
LCS for Arsenic by GFAAS		0.052	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
LCS Rec for Arsenic by GFAAS		104	%		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MS Rec for Arsenic by GFAAS		120	%		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Reagent Blank for Arsenic by GFAAS		<0.00034	mg/L	U	06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: ASAA-21866		**QA Sample ID: AE37594**						
Samples AE37594 AE37596 AE37598								
MSD Rec for Arsenic by GFAAS		122	%		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MS Result for Arsenic by GFAAS		0.086	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MSD Result for Arsenic by GFAAS		0.087	mg/L		06/06/2011 15:49			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MS/MSD Prec for Arsenic by GFAAS		1.16	%		06/06/2011 15:49			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
Batch Name: ASAA-22001		**QA Sample ID: AE37595**						
Samples AE37595 AE37597 AE37599								
Arsenic by GFAAS		0.002	mg/L	J	06/13/2011 13:55			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Method Blank for Arsenic by GFAAS		<0.00034	mg/L		06/13/2011 13:12			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
CCB for Arsenic by GFAAS		<0.00034	mg/L	U	06/13/2011 16:37			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV for Arsenic by GFAAS		0.049	mg/L		06/13/2011 16:04			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
CCV Rec for Arsenic by GFAAS		98.0	%		06/13/2011 16:04			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
ICV for Arsenic by GFAAS		0.053	mg/L		06/13/2011 13:23			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
ICV Rec for Arsenic by GFAAS		106	%		06/13/2011 13:23			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: ASAA-22001		**QA Sample ID: AE37595**						
Samples AE37595 AE37597 AE37599								
LCS for Arsenic by GFAAS		0.053	mg/L		06/13/2011 13:44			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
LCS Rec for Arsenic by GFAAS		106	%		06/13/2011 13:44			IR
Analysis Comments:	J:Sample matrix interfere with the ability to make accurate determination. Sample matrix was post spike for both (matrix spike and matrix spike duplicate) with acceptable recovery.							
MS Rec for Arsenic by GFAAS		114	%		06/13/2011 13:55			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Reagent Blank for Arsenic by GFAAS		<0.00034	mg/L		06/13/2011 13:01			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MSD Rec for Arsenic by GFAAS		118	%		06/13/2011 13:55			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MS Result for Arsenic by GFAAS		0.059	mg/L		06/13/2011 14:27			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MSD Result for Arsenic by GFAAS		0.061	mg/L		06/13/2011 14:38			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
MS/MSD Prec for Arsenic by GFAAS		3.33	%		06/13/2011 14:27			IR
Analysis Comments:	J : Estimated value due to sample matrix interference. Sample matrix spike and sample matrix spike duplicate failed for accuracy evaluation. Post digestion spike performed for sample matrix and matrix spike duplicate with acceptable recoveries (MS=114%, MSD=116%) .							
Batch Name: CLIC-21778		**QA Sample ID: AE37562**						
Samples AE37584 AE37585 AE37586 AE37587 AE37588 AE37589 AE37590								
Amt Spiked for Chloride		500	mg/L		05/13/2011 14:22			KMH
Method Blank for Chloride		<0.100	mg/L	U	05/13/2011 14:22			KMH
Cont. Blank for Chloride		<0.100	mg/L	U	05/13/2011 14:22			KMH
Cont. Cal. for Chloride		196	mg/L		05/13/2011 14:22			KMH
Cont Calb Rec for Chloride		98.0	%		05/13/2011 14:22			KMH
Chloride by Ion Chromatography		317	mg/L		05/13/2011 14:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: CLIC-21778		**QA Sample ID:** AE37562						
Samples AE37584 AE37585 AE37586 AE37587 AE37588 AE37589 AE37590								
Sample Dup for Chloride		311	mg/L		05/13/2011 14:22			KMH
ICV for Chloride		30.6	mg/L		05/13/2011 14:22			KMH
ICV Conc for Chloride		30.0	mg/L		05/13/2011 14:22			KMH
Int Calb Rec for Chloride		102	%		05/13/2011 14:22			KMH
Samp Dup Prec for Chloride		1.91	%		05/13/2011 14:22			KMH
MS Recovery for Chloride		106	%		05/13/2011 14:22			KMH
MS Result for Chloride		847	mg/L		05/13/2011 14:22			KMH
Batch Name: CLIC-21779		**QA Sample ID:** AE37591						
Samples AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597 AE37601 AE37602								
Amt Spiked for Chloride		200	mg/L		05/13/2011 14:22			KMH
Method Blank for Chloride		<0.100	mg/L	U	05/13/2011 14:22			KMH
Cont. Blank for Chloride		<0.100	mg/L	U	05/13/2011 14:22			KMH
Cont. Cal. for Chloride		199	mg/L		05/13/2011 14:22			KMH
Cont Calb Rec for Chloride		99.5	%		05/13/2011 14:22			KMH
Chloride by Ion Chromatography		30.8	mg/L		05/13/2011 14:22			KMH
Sample Dup for Chloride		30.0	mg/L		05/13/2011 14:22			KMH
ICV for Chloride		30.6	mg/L		05/13/2011 14:22			KMH
ICV Conc for Chloride		30.0	mg/L		05/13/2011 14:22			KMH
Int Calb Rec for Chloride		102	%		05/13/2011 14:22			KMH
Samp Dup Prec for Chloride		2.63	%		05/13/2011 14:22			KMH
MS Recovery for Chloride		102	%		05/13/2011 14:22			KMH
MS Result for Chloride		234	mg/L		05/13/2011 14:22			KMH
Batch Name: CLIC-21819		**QA Sample ID:** AE39038						
Samples AE37598 AE37599 AE37600 AE38471								
Amt Spiked for Chloride		100	mg/L		05/13/2011 14:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: CLIC-21819		**QA Sample ID: AE39038**						
Samples AE37598 AE37599 AE37600 AE38471								
Method Blank for Chloride		<0.100	mg/L	U	05/13/2011 14:22			KMH
Cont. Blank for Chloride		0.119	mg/L	I	05/13/2011 14:22			KMH
Cont. Cal. for Chloride		190	mg/L		05/13/2011 14:22			KMH
Cont Calb Rec for Chloride		95.0	%		05/13/2011 14:22			KMH
Chloride by Ion Chromatography		19.0	mg/L		05/13/2011 14:22			KMH
Sample Dup for Chloride		18.9	mg/L		05/13/2011 14:22			KMH
ICV for Chloride		30.6	mg/L		05/13/2011 14:22			KMH
ICV Conc for Chloride		30.0	mg/L		05/13/2011 14:22			KMH
Int Calb Rec for Chloride		102	%		05/13/2011 14:22			KMH
Samp Dup Prec for Chloride		0.528	%		05/13/2011 14:22			KMH
MS Recovery for Chloride		104	%		05/13/2011 14:22			KMH
MS Result for Chloride		123	mg/L		05/13/2011 14:22			KMH
Batch Name: HG-21775		**QA Sample ID: AE37560**						
Samples AE37584 AE37585 AE37586 AE37587 AE37588 AE37589 AE37590								
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		05/06/2011 11:23			IR
Method Blank for Mercury Cold Vapor		<0.068	ug/L	U	05/06/2011 11:23			IR
Continuing Cal. Blank for Mercury Cold V		<0.068	ug/L	U	05/06/2011 11:23			IR
Continuous Calibration for Mercury Cold		2.53	ug/L		05/06/2011 11:23			IR
CCV Rec for Mercury		101	%		05/06/2011 11:23			IR
Mercury Cold Vapor		<0.068	ug/L	U,J	05/06/2011 11:23			IR
Initial Calibration for Mercury Cold Vap		2.57	ug/L		05/06/2011 11:23			IR
ICV Rec for Mercury		103	%		05/06/2011 11:23			IR
Lab Control for Mercury Cold Vapor		1.80	ug/L		05/06/2011 11:23			IR
LCS Rec for Mercury		90.0	%		05/06/2011 11:23			IR
MS Recovery for Mercury Cold Vapor		54.5	%		05/06/2011 11:23			IR
MSD Recovery for Mercury Cold Vapor		58.5	%		05/06/2011 11:23			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: HG-21775		**QA Sample ID: AE37560**							
Samples AE37584 AE37585 AE37586 AE37587 AE37588 AE37589 AE37590									
MS Result for Mercury Cold Vapor		1.09	ug/L		05/06/2011	11:23			IR
MSD Result for Mercury Cold Vapor		1.17	ug/L		05/06/2011	11:23			IR
MS/MSD Precision for Mercury Cold Vapor		7.08	%		05/06/2011	11:23			IR
Batch Name: HG-21776		**QA Sample ID: AE37591**							
Samples AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597 AE37601 AE37602									
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		05/06/2011	11:23			IR
Continuing Cal. Blank for Mercury Cold V		<0.068	ug/L	U	05/06/2011	11:23			IR
Continuous Calibration for Mercury Cold		2.52	ug/L		05/06/2011	11:23			IR
CCV Rec for Mercury		101	%		05/06/2011	11:23			IR
Mercury Cold Vapor		<0.068	ug/L	U	05/06/2011	11:23			IR
Lab Control for Mercury Cold Vapor		1.80	ug/L		05/06/2011	11:23			IR
LCS Rec for Mercury		90.0	%		05/06/2011	11:23			IR
MS Recovery for Mercury Cold Vapor		108	%		05/06/2011	11:23			IR
MSD Recovery for Mercury Cold Vapor		102	%		05/06/2011	11:23			IR
MS Result for Mercury Cold Vapor		2.17	ug/L		05/06/2011	11:23			IR
MSD Result for Mercury Cold Vapor		2.05	ug/L		05/06/2011	11:23			IR
MS/MSD Precision for Mercury Cold Vapor		5.69	%		05/06/2011	11:23			IR
Batch Name: HG-21830		**QA Sample ID: AE37458**							
Samples AE37598 AE38471									
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		05/17/2011	11:20			IR
Method Blank for Mercury Cold Vapor		<0.068	ug/L	U	05/17/2011	11:20			IR
Continuing Cal. Blank for Mercury Cold V		<0.068	ug/L	U	05/17/2011	11:20			IR
Continuous Calibration for Mercury Cold		2.54	ug/L		05/17/2011	11:20			IR
CCV Rec for Mercury		102	%		05/17/2011	11:20			IR
Mercury Cold Vapor		<0.068	ug/L	U	05/17/2011	11:20			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: HG-21830		**QA Sample ID: AE37458**						
Samples AE37598 AE38471								
Initial Calibration for Mercury Cold Vap		2.72	ug/L		05/17/2011 11:20			IR
ICV Rec for Mercury		109	%		05/17/2011 11:20			IR
Lab Control for Mercury Cold Vapor		2.14	ug/L		05/17/2011 11:20			IR
LCS Rec for Mercury		107	%		05/17/2011 11:20			IR
MS Recovery for Mercury Cold Vapor		110	%		05/17/2011 11:20			IR
MSD Recovery for Mercury Cold Vapor		110	%		05/17/2011 11:20			IR
MS Result for Mercury Cold Vapor		2.20	ug/L		05/17/2011 11:20			IR
MSD Result for Mercury Cold Vapor		2.19	ug/L		05/17/2011 11:20			IR
MS/MSD Precision for Mercury Cold Vapor		0.456	%		05/17/2011 11:20			IR
Batch Name: HG-21831		**QA Sample ID: AE37599**						
Samples AE37599 AE37600								
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		05/17/2011 11:28			IR
Continuing Cal. Blank for Mercury Cold V		<0.068	ug/L	U	05/17/2011 11:20			IR
Continuous Calibration for Mercury Cold		2.51	ug/L		05/17/2011 11:28			IR
CCV Rec for Mercury		100	%		05/17/2011 11:28			IR
Mercury Cold Vapor		<0.068	ug/L	U	05/17/2011 11:20			IR
MS Recovery for Mercury Cold Vapor		109	%		05/17/2011 11:20			IR
MSD Recovery for Mercury Cold Vapor		110	%		05/17/2011 11:20			IR
MS Result for Mercury Cold Vapor		2.18	ug/L		05/17/2011 11:28			IR
MSD Result for Mercury Cold Vapor		2.21	ug/L		05/17/2011 11:28			IR
MS/MSD Precision for Mercury Cold Vapor		1.37	%		05/17/2011 11:28			IR
Batch Name: NO2-21750		**QA Sample ID: AE38980**						
Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602								
Amt Spiked for Nitrite		1.25	mg/L		05/03/2011 11:13			EMM
Method Blank for Nitrite		<0.0006	mg/L	U	05/03/2011 14:50			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: NO2-21750		**QA Sample ID: AE38980**						
Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602								
CCB for Nitrite		<0.0006	mg/L	U	05/03/2011	14:50		EMM
CCV for Nitrite		0.490	mg/L		05/03/2011	14:50		EMM
Cont Calb Rec for Nitrite as N		98.0	%		05/03/2011	14:50		EMM
Sample Dup for Nitrite		0.318	mg/L		05/03/2011	11:13		EMM
ICV for Nitrite		0.263	mg/L		05/03/2011	11:13		EMM
ICV Rec for Nitrite		105	%		05/03/2011	11:13		EMM
Nitrite		0.317	mg/L		05/03/2011	11:13		EMM
Dup Precision for Nitrite		0.315	%		05/03/2011	11:13		EMM
MS Rec for Nitrite		98.6	%		05/03/2011	11:13		EMM
MS Result for Nitrite		1.55	mg/L		05/03/2011	11:13		EMM
Batch Name: NO2-21769		**QA Sample ID: AE37588**						
Samples AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597								
Amt Spiked for Nitrite		0.250	mg/L		05/04/2011	15:38		EMM
Method Blank for Nitrite		<0.0006	mg/L	U	05/05/2011	09:27		EMM
CCB for Nitrite		<0.0006	mg/L	U	05/05/2011	09:27		EMM
CCV for Nitrite		0.511	mg/L		05/05/2011	09:27		EMM
Cont Calb Rec for Nitrite as N		102	%		05/05/2011	09:27		EMM
Sample Dup for Nitrite		0.005	mg/L		05/04/2011	15:38		EMM
ICV for Nitrite		0.253	mg/L		05/04/2011	15:38		EMM
ICV Rec for Nitrite		101	%		05/04/2011	15:38		EMM
Nitrite		0.006	mg/L		05/04/2011	15:38		EMM
Dup Precision for Nitrite		9.01	%		05/04/2011	15:38		EMM
MS Rec for Nitrite		97.2	%		05/04/2011	15:38		EMM
MS Result for Nitrite		0.249	mg/L		05/04/2011	15:38		EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: NO3IC-21854		**QA Sample ID: AE39180**						
Samples AE37598 AE37599 AE37600 AE38471								
Amt Spiked for Nitrate		25.0	mg/L		05/18/2011	10:00		KMH
Method Blank for Nitrate		<0.0046	mg/L	U	05/18/2011	10:00		KMH
CCB for Nitrate		<0.0046	mg/L	U	05/18/2011	10:00		KMH
CCV for Nitrate		10.0	mg/L		05/18/2011	10:00		KMH
Cont Calb Rec for Nitrate		100	%		05/18/2011	10:00		KMH
Sample Dup for Nitrate		12.4	mg/L		05/18/2011	10:00		KMH
ICV for Nitrate		22.8	mg/L		05/18/2011	10:00		KMH
ICV Conc for Nitrate		22.6	mg/L		05/18/2011	10:00		KMH
Int Calb Rec for Nitrate		101	%		05/18/2011	10:00		KMH
Nitrate as N by Ion Chromatography		12.4	mg/L		05/18/2011	10:00		KMH
Samp Dup Prec. for Nitrate		0.00	%		05/18/2011	10:00		KMH
MS Recovery for Nitrate		107	%		05/18/2011	10:00		KMH
MS Result for Nitrate		39.1	mg/L		05/18/2011	10:00		KMH
Batch Name: NOX-21754		**QA Sample ID: AE38906**						
Samples AE37584 AE37585 AE37587 AE37601 AE37602								
Amt Spiked for NOX		20.0	mg/L		05/03/2011	13:50		EMM
Method Blank for NOX		<0.023	mg/L	U	05/04/2011	07:22		EMM
CCB for NOX		<0.023	mg/L	U	05/04/2011	07:22		EMM
CCV for NOX		2.02	mg/L		05/04/2011	07:22		EMM
CCV Recovery for NOX		101	%		05/04/2011	07:22		EMM
Sample Dup for NOX		9.20	mg/L		05/03/2011	13:50		EMM
ICV for NOX		1.06	mg/L		05/03/2011	13:50		EMM
ICV Recovery for NOX		106	%		05/03/2011	13:50		EMM
Nitrate-Nitrite		9.45	mg/L		05/03/2011	13:50		EMM
Dup Precision for NOX		2.68	%		05/03/2011	13:50		EMM
MS Rec for NOX		109	%		05/03/2011	13:50		EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: NOX-21754		**QA Sample ID: AE38906**						
Samples AE37584 AE37585 AE37587 AE37601 AE37602								
Matrix Spike for NOX		31.2	mg/L		05/03/2011	13:50		EMM
Batch Name: NOX-21755		**QA Sample ID: AE38992**						
Samples AE37586 AE37588 AE37589 AE37590 AE37591 AE37592								
Amt Spiked for NOX		20.0	mg/L		05/03/2011	13:59		EMM
CCB for NOX		<0.023	mg/L	U	05/04/2011	07:22		EMM
CCV for NOX		2.06	mg/L		05/04/2011	07:22		EMM
CCV Recovery for NOX		103	%		05/04/2011	07:22		EMM
Sample Dup for NOX		11.9	mg/L		05/03/2011	13:59		EMM
Nitrate-Nitrite		12.0	mg/L		05/03/2011	13:59		EMM
Dup Precision for NOX		0.837	%		05/03/2011	13:59		EMM
MS Rec for NOX		104	%		05/03/2011	13:59		EMM
Matrix Spike for NOX		32.9	mg/L		05/03/2011	13:59		EMM
Batch Name: NOX-21869		**QA Sample ID: AE38934**						
Samples AE37593 AE37594 AE37596 AE37597								
Amt Spiked for NOX		4.00	mg/L		05/19/2011	10:23		EMM
Method Blank for NOX		<0.023	mg/L	U	05/19/2011	12:37		EMM
CCB for NOX		<0.023	mg/L	U	05/19/2011	12:37		EMM
CCV for NOX		2.00	mg/L		05/19/2011	12:37		EMM
CCV Recovery for NOX		100	%		05/19/2011	12:37		EMM
Sample Dup for NOX		3.40	mg/L		05/19/2011	10:23		EMM
ICV for NOX		1.04	mg/L		05/19/2011	10:22		EMM
ICV Recovery for NOX		104	%		05/19/2011	10:22		EMM
Nitrate-Nitrite		3.39	mg/L		05/19/2011	10:22		EMM
Dup Precision for NOX		0.294	%		05/19/2011	10:22		EMM
MS Rec for NOX		105	%		05/19/2011	10:22		EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: NOX-21869		**QA Sample ID: AE38934**							
Samples AE37593 AE37594 AE37596 AE37597									
Matrix Spike for NOX		7.58	mg/L		05/19/2011	10:23			EMM
Batch Name: NOX-21885		**QA Sample ID: AE39101**							
Samples AE37595									
Amt Spiked for NOX		1.00	mg/L		05/19/2011	14:52			EMM
Method Blank for NOX		<0.023	mg/L	U	05/20/2011	07:23			EMM
CCB for NOX		<0.023	mg/L	U	05/20/2011	07:23			EMM
CCV for NOX		2.00	mg/L		05/20/2011	07:23			EMM
CCV Recovery for NOX		100	%		05/20/2011	07:23			EMM
Sample Dup for NOX		0.897	mg/L		05/19/2011	14:52			EMM
ICV for NOX		1.01	mg/L		05/19/2011	14:52			EMM
ICV Recovery for NOX		101	%		05/19/2011	14:52			EMM
Nitrate-Nitrite		0.910	mg/L	J	05/19/2011	14:52			EMM
Dup Precision for NOX		1.44	%		05/19/2011	14:52			EMM
MS Rec for NOX		74.0	%		05/19/2011	14:52			EMM
Matrix Spike for NOX		1.65	mg/L		05/19/2011	14:52			EMM
Batch Name: TDS-21749		**QA Sample ID: AE37584**							
Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602									
Method Blank for TDS		<10.0	mg/L	U	05/05/2011	07:50			AMC/AC
Sample Dup for TDS		445	mg/L		05/05/2011	07:50			AMC/AC
Initial Calibration for TDS		990	mg/L		05/05/2011	07:50			AMC/AC
Int Calb Conc for TDS		970	mg/L		05/05/2011	07:50			AMC/AC
Int Calb Rec for TDS		102	%		05/05/2011	07:50			AMC/AC
Samp Dup Precision for TDS		Pass	%		05/05/2011	07:50			AMC/AC
Total Dissolved Solids		427	mg/L		05/05/2011	07:50			AMC/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: TDS-21762		**QA Sample ID: AE37589**						
Samples AE37588 AE37589 AE37590 AE37591 AE37592								
Method Blank for TDS		<10.0	mg/L	U	05/08/2011	11:18		AMC/EMM
Sample Dup for TDS		1060	mg/L		05/08/2011	11:18		AMC/EMM
Initial Calibration for TDS		990	mg/L		05/08/2011	11:18		AMC/EMM
Int Calb Conc for TDS		970	mg/L		05/08/2011	11:18		AMC/EMM
Int Calb Rec for TDS		102	%		05/08/2011	11:18		AMC/EMM
Samp Dup Precision for TDS		Pass	%		05/08/2011	11:19		AMC/EMM
Total Dissolved Solids		1060	mg/L		05/08/2011	11:18		AMC/EMM
Batch Name: TDS-21786		**QA Sample ID: AE37596**						
Samples AE37593 AE37594 AE37595 AE37596 AE37597 AE37598 AE37599 AE37600 AE38471								
Method Blank for TDS		<10.0	mg/L	U	05/10/2011	09:05		AMC/EMM
Sample Dup for TDS		1090	mg/L		05/10/2011	09:05		AMC/EMM
Initial Calibration for TDS		994	mg/L		05/10/2011	09:05		AMC/EMM
Int Calb Conc for TDS		970	mg/L		05/10/2011	09:05		AMC/EMM
Int Calb Rec for TDS		102	%		05/10/2011	09:05		AMC/EMM
Samp Dup Precision for TDS		Pass	%		05/10/2011	09:13		AMC/EMM
Total Dissolved Solids		1100	mg/L		05/10/2011	09:05		AMC/EMM
Batch Name: TLAA-21757		**QA Sample ID: AE37584**						
Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602								
Method Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/17/2011	09:39		IR
Continuing Cal. Blank for Thallium by GF		<0.0003	mg/L	U	05/17/2011	09:34		IR
Continuous Calibration for Thallium by G		0.050	mg/L		05/17/2011	09:39		IR
Cont Calb Rec for Thallium by GFAAS		100.000	%		05/17/2011	09:39		IR
Initial Calibration for Thallium by GFAA		0.052	mg/L		05/17/2011	09:39		IR
Int Calb Rec for Thallium by GFAAS		104.000	%		05/17/2011	09:39		IR
Lab Control for Thallium by GFAAS		0.052	mg/L		05/17/2011	09:39		IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: TLAA-21757		**QA Sample ID: AE37584**						
Samples AE37584 AE37585 AE37586 AE37587 AE37601 AE37602								
LCS Recovery for Thallium by GFAAS		104	%		05/17/2011	09:39		IR
MS Rec for Thallium by GFAAS		98.0	%		05/17/2011	09:34		IR
Reagent Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/17/2011	09:34		IR
MSD Rec for Thallium by GFAAS		98.000	%		05/17/2011	09:34		IR
MS Result for Thallium by GFAAS		0.049	mg/L		05/17/2011	09:39		IR
MSD Result for Thallium by GFAAS		0.049	mg/L		05/17/2011	09:39		IR
MS/MSD Precision for Thallium by GFAAS		0.000	%		05/17/2011	09:39		IR
Thallium by GFAAS		<0.0003	mg/L	U	05/17/2011	09:34		IR
Batch Name: TLAA-21777		**QA Sample ID: AE37588**						
Samples AE37588 AE37589 AE37590 AE37591 AE37592 AE37593 AE37594 AE37595 AE37596 AE37597								
Method Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/18/2011	08:11		IR
Continuing Cal. Blank for Thallium by GF		<0.0003	mg/L	U	05/18/2011	08:03		IR
Continuous Calibration for Thallium by G		0.053	mg/L		05/18/2011	08:03		IR
Cont Calb Rec for Thallium by GFAAS		106	%		05/18/2011	08:03		IR
Initial Calibration for Thallium by GFAA		0.049	mg/L		05/18/2011	08:11		IR
Int Calb Rec for Thallium by GFAAS		98.0	%		05/18/2011	08:11		IR
Lab Control for Thallium by GFAAS		0.052	mg/L		05/18/2011	08:03		IR
LCS Recovery for Thallium by GFAAS		104	%		05/18/2011	08:03		IR
MS Rec for Thallium by GFAAS		109	%		05/18/2011	08:03		IR
Reagent Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/18/2011	08:03		IR
MSD Rec for Thallium by GFAAS		101	%		05/18/2011	08:03		IR
MS Result for Thallium by GFAAS		0.055	mg/L		05/18/2011	08:03		IR
MSD Result for Thallium by GFAAS		0.051	mg/L		05/18/2011	08:03		IR
MS/MSD Precision for Thallium by GFAAS		7.55	%		05/18/2011	08:03		IR
Thallium by GFAAS		0.0003	mg/L	I	05/18/2011	08:03		IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: TLAA-21832		**QA Sample ID: AE37458**						
Samples AE37598 AE38471								
Method Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/18/2011 14:36			IR
Continuing Cal. Blank for Thallium by GF		<0.0003	mg/L	U	05/18/2011 14:36			IR
Continuous Calibration for Thallium by G		0.055	mg/L		05/18/2011 14:36			IR
Cont Calb Rec for Thallium by GFAAS		110.000	%		05/18/2011 14:36			IR
Initial Calibration for Thallium by GFAA		0.046	mg/L		05/18/2011 14:36			IR
Int Calb Rec for Thallium by GFAAS		92.000	%		05/18/2011 14:36			IR
Lab Control for Thallium by GFAAS		0.057	mg/L		05/18/2011 14:36			IR
LCS Recovery for Thallium by GFAAS		114	%		05/18/2011 14:36			IR
MS Rec for Thallium by GFAAS		110	%		05/18/2011 14:36			IR
Reagent Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/18/2011 14:36			IR
MSD Rec for Thallium by GFAAS		110.000	%		05/18/2011 14:36			IR
MS Result for Thallium by GFAAS		0.055	mg/L		05/18/2011 14:36			IR
MSD Result for Thallium by GFAAS		0.055	mg/L		05/18/2011 14:36			IR
MS/MSD Precision for Thallium by GFAAS		0.000	%		05/18/2011 14:36			IR
Thallium by GFAAS		<0.0003	mg/L	U	05/18/2011 14:36			IR
Batch Name: TLAA-21833		**QA Sample ID: AE37599**						
Samples AE37599 AE37600								
Method Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/25/2011 14:58			IR
Continuing Cal. Blank for Thallium by GF		<0.0003	mg/L	U	05/25/2011 14:56			IR
Continuous Calibration for Thallium by G		0.047	mg/L		05/25/2011 14:58			IR
Cont Calb Rec for Thallium by GFAAS		94.0	%		05/25/2011 14:58			IR
Initial Calibration for Thallium by GFAA		0.052	mg/L		05/25/2011 14:58			IR
Int Calb Rec for Thallium by GFAAS		104	%		05/25/2011 14:58			IR
Lab Control for Thallium by GFAAS		0.053	mg/L		05/25/2011 14:58			IR
LCS Recovery for Thallium by GFAAS		106	%		05/25/2011 14:58			IR
MS Rec for Thallium by GFAAS		100	%		05/25/2011 14:56			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: TLAA-21833		**QA Sample ID: AE37599**							
Samples AE37599 AE37600									
Reagent Blank for Thallium by GFAAS		<0.0003	mg/L	U	05/25/2011	14:58			IR
MSD Rec for Thallium by GFAAS		108	%		05/25/2011	14:56			IR
MS Result for Thallium by GFAAS		0.050	mg/L		05/25/2011	14:58			IR
MSD Result for Thallium by GFAAS		0.054	mg/L		05/25/2011	14:58			IR
MS/MSD Precision for Thallium by GFAAS		7.69	%		05/25/2011	14:58			IR
Thallium by GFAAS		<0.0003	mg/L	U	05/25/2011	14:56			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst

DATA QUALIFIER CODES

A	Value reported is the mean (average) of two or more determinations
B	Results based upon colony counts outside the acceptable range. This code applies to microbiological tests, specifically to membrane filter colony counts, and is ysed only if the colony count is generated from a plate in which the total number of coliform colonies exceeds the method indicated ideal ranges.
C	Analysis performed by contract laboratory
E	Indicates that extra samples were taken at composite stations
H	Value based on field kit determination; results may not be accurate
I	The reported value is between the laboratory method detection limit and the laboratory practical quanitation limit.
J	*Estimated value
K	Indicates off scale low and the actual value is known to be less than the value listed. Used if the value is less than the lowest calibration standard when the calibration curve is known to be non-linear. Can also be used if the actual value is known to be less than the reported value based on sample size,dilution.
L	Off scale high and the actual value is known to be greater than the reported value. Used when the sample concentration of the analyte exceeds the linear range or highest calibration standard and the calibration curve is known to exhibit a negative deflection.
M	To be used for chemical analysis: the presence of the analyte is verified but not quantified and the actual value is less than the value reported.
N	Presumptive evidence of presence of compound. To be used when the compound has been determined by TIC (mass spectral library search) or if presence of the compound cannot be confirmed using alternate procedures
O	Indicates analysis was lost or not performed
Q	Analyzed after holding time expired
R	Significant rain in the past 24 hours
T	Reported value is less than the laboratory method detection limit. The value is reported for informational purposes only and is not used in statistical analysis.
U	Indicated that the compound was analyzed for but not detected
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blamk and the value of the 10 times the blank value was equal to or greater than the associated sample value. Note: unless specified by the method, the value in the blank shall not be subtracted from associated samples
X	Time of collection not provided
Y	Laboratory analysis was performed on sample, which was unpreserved or improperly preserved, therefore, the data may be inaccurate.
Z	Too many colonies present. (TNTC)
*	Analysis was not performed due to interference
#	No sample received
?	Data are rejected should not be used since some or all quality control data for the analyte fall outside limits and the presence or absence of the analyte cannot be determined from the data
"-"	no data reported
!	Data deviate from historically established concentration ranges

***Note**

a "J" value shall not be used as a substitute for K,L,M,T,V or Y, however, if additional reasons exist for identifying the value as an estimate (e.g.,matrix spiked failed to meet acceptance criteria),the "J" code may be added to a K,L,M, T,V,or Y. Examples of situations in which code "J" must be reported include:

+ where a quality control item associated with the reported value(s) failed to meet the established quality control criteria (the specific failure must be identified)
+ when the sample matrix interferes with the ability to make any accurate determination
+ when data is questionable due to improper or field protocols
+ when the analyte was detected at or above the method detection limits (MDL) in a blank other than the method blank (such as calibration blank or field-generated blanks and the value of 10 times the blank value was equal to or greater than the associated sample valu
+ when the field or laboratory calibrations or calibration verifications did not meet calibration acceptance criteria.

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

4/1/2011 1:22:33 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	David E Wells	Industrial Compliance	5-2-11	1145
Received By:		Ed Conner	MCU	5-2-11	1152
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

3/30/2011 2:57:49 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	HDPE unpreserved; Grab/Comp.	1		TDS
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	David E Wells	Industrial Compliance	5-3-11	1245
Received By:	[illegible]	[illegible]	Ceramic Lab	5-3-11	12:50
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

3/30/2011 2:57:49 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-3-11	1156	AE37592	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-3-11	1156	AE37592	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	5-3-11	1245
Received By:	[signature]	[illegible]	MCW	5-3-11	12:12
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: Daniel E Wells

Print Name: David E Wells

4/1/2011 1:18:52 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	HDPE unpreserved; Grab/Comp.	1		TDS
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	Daniel E Wells	David E Wells	Industrial Compliance	5-3-11	1245
Received By:		B Camara	MCU	5-3-11	1250
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:18:52 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	3	✓	$ICPWATER TLAA
5-3-11	1018	AE37589	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-3-11	1018	AE37589	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	FIELD TECH/COMPLIANCE	5-3-11	1245
Received By:		B CAMPBELL	MCUD	5-3-11	12:00
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:21:25 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-2-11	1145
Received By:	[illegible]	E Camara	Central Lab	5-2-11	11:50
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E. Wells

4/1/2011 1:21:25 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-2-11	1008	AE37586	GW	Lena Road Monitoring Well GW-3	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinguished By:	David E Wells	DAVID E Wells	INDUSTRIAL Compliance	5-2-11	1145
Received By:	[signature]	E CAMARA	MCUD	5-2-11	11:46
Relinguished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:21:58 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-2-11	1145
Received By:		BOMARSH	MCU	5-2-11	1146
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:21:59 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-2-11	0932	AE37585	GW	Lena Road Monitoring Well GW-2	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	INDUSTRIAL Compliance	5-2-11	1145
Received By:		[illegible]	MCU	5-2-11	1145
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:24:18 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE w/H2SO4 pres.; Grab/Comp.	1	/	AMM
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL/COMPLIANCE	5-2-11	1145
Received By:		BOARD	MCU	5-2-11	11:52
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells | Print Name: DAVID E Wells | 4/1/2011 1:19:26 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-3-11	1245
Received By:		E CAMPAS	MCUD	5-3-11	12:12
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:19:26 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE unpreserved; Grab/Comp.	1		TDS
5-3-11	0953	AE37588	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-3-11	1245
Received By:		BOARDS	MCU	5-3-11	12:52
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells | Print Name: David E Wells

4/1/2011 1:22:33 PM

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: 3

Temperature: 4

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-2-11	0852	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-2-11	0857	AE37584	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	Industrial Compliance	5-2-11	1145
Received By:		BOMANN	MCU	5-2-11	1152
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells | Print Name: DAVID E Wells | 4/1/2011 1:23:40 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/HNO3; Grab/Comp.	1		$ICPWATER TLAA
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/HNO3; Grab/Comp.	1		HG
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-2-11	1145
Received By:		BOMARC	MCM	5-2-11	1145
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:23:40 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE w/H2SO4 pres.; Grab/Comp.	1		AMM
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	0852	AE37602	GW	Lena Road Monitoring Well Field Duplicate	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	INDUSTRIAL COMPLIANCE	5-2-11	1145
Received By:		BOWMAN	MCU	5-2-11	1152
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:24:18 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-2-11	0825	AE37601	GW	Lena Road Monitoring Well Field Blank	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL ANALYTICS	5-2-11	1145
Received By:		BOMBIO	MCUD	5/2/11	1142
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells | Print Name: DAVID E Wells | 4/1/2011 1:20:04 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Appliances	5-2-11	1145
Received By:		Brown	MCU	5-2-11	1150
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells | Print Name: DAVID E WELLS

4/1/2011 1:20:04 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE unpreserved; Grab/Comp.	1		TDS
5-2-11	1045	AE37587	GW	Lena Road Monitoring Well GW-4	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-2-11	1145
Received By:		BOOMAN	MCU	5-2-11	1150
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:15:39 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	ENVIRONMENTAL COMPLIANCE	5-3-11	1245
Received By:		BRANDON	MCUD	5-3-11	1245
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:15:39 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE unpreserved; Grab/Comp.	1		TDS
5-3-11	1110	AE37591	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-3-11	1245
Received By:		BRANDON	MCM	5-3-11	12:30
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

4/1/2011 1:16:12 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1		CLIC
3-22-11	1300		LPW	TRIP BLANK	40ML GLASS/HCL	1		TRIP BLANK

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	David E Wells	Industrial Compliance	5-3-11	1245
Received By:		STANDARD	MCM	5-4-11	12:52
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:16:12 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE unpreserved; Grab/Comp.	1		TDS
5-3-11	1044	AE37590	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL Compliance	5-3-11	1245
Received By:		AMANDA	MCU	5/3/11	1245
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:02:12 PM

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: 9

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE unpreserved; Grab/Comp.	1		TDS
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	INDUSTRIAL COMPLIANCE	5-5-11	1110
Received By:	[illegible]	[illegible]	MCU	5/5/11	11:10
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:02:12 PM

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: 3

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-5-11	0910	AE37599	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	INDUSTRIAL Compliance	5-5-11	1110
Received By:		Ed Camargo	MCUD	5-5-11	1140
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E wells

4/1/2011 1:06:43 PM

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: 9

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE unpreserved; Grab/Comp.	1		TDS
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E wells	Industrial Compliance	5-5-11	1010
Received By:		Ed Comacho	MCU	5-5-11	1145
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:06:43 PM

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: 3

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-5-11	0843	AE37598	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	FDEP/STAFF/Compliance	5-5-11	1110
Received By:	[signature]	[illegible]	MCUD	5-5-11	1140
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:14:36 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE unpreserved; Grab/Comp.	1		TDS
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-4-11	1325
Received By:	[signature]	[illegible]	MCUD	5-4-11	13:16
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:14:36 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-4-11	0916	AE37594	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinguished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-4-11	1325
Received By:	[signature]	[illegible]	MCU	5-4-11	1340
Relinguished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:15:05 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE unpreserved; Grab/Comp.	1		TDS
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	Industrial Compliance	5-4-11	1325
Received By:		[illegible]	MCU	5-4-11	1340
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:15:05 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1	—	HG
5-4-11	0847	AE37593	GW	Lena Road Monitoring Well GW-10	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinguished By:	David E Wells	DAVID E Wells	INDUSTRIAL Compliance	5-4-11	1325
Received By:	[illegible]	[illegible]	MCU	5/4/11	13:30
Relinguished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:13:41 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-4-11	1325
Received By:	[signature]	BLAMARDA	MCM	5-4-11	1340
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:13:41 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE unpreserved; Grab/Comp.	1		TDS
5-4-11	0947	AE37595	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-4-11	1325
Received By:		BRAMM	MCM	5/4/11	1346
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:11:46 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE unpreserved; Grab/Comp.	1		TDS
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-4-11	1325
Received By:			MCM	5-4-11	1340
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:11:46 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-4-11	1154	AE37596	GW	Lena Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinguished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-4-11	1325
Received By:	[signature]	ELAMANDY	MCM	5-4-11	1340
Relinguished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

4/1/2011 1:10:20 PM

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: 9

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE unpreserved; Grab/Comp.	1		TDS
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	David E Wells	Industrial Compliance	5-4-11	1325
Received By:		BONNIE	MCU	5-4-11	13:27
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:10:20 PM

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: 3

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-4-11	1223	AE37597	GW	Lena Road Monitoring Well GW-14	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-4-11	1325
Received By:		B CAMARA	MCUD	5-4-11	1340
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

4/1/2011 1:07:50 PM

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: 3

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	Industrial Compliance	5-5-11	1110
Received By:	[signature]	[illegible]	MCUD	5-5-11	11:20
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

4/1/2011 1:07:50 PM

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: 9

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE unpreserved; Grab/Comp.	1		TDS
5-5-11	0937	AE37600	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E Wells	Industrial Compliance	5-5-11	1110
Received By:	[signature]	[illegible]	MCW	5-5-11	11:20
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

4/1/2011 1:23:05 PM

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: 9

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	40 ml glass w/HCl; Grab	6		$8011VOCS-CONTRACT $2581VOCS-CONTRACT
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE unpreserved; Grab/Comp.	1		TDS
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		NO3IC

	Signature	Print Name	Company	Date	Time
Relinquished By:	David E Wells	DAVID E WELLS	INDUSTRIAL COMPLIANCE	5-5-11	1110
Received By:		OCAMPO	MCM	5-5-11	1120
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: [signature] Print Name: DAVID E WELLS

4/1/2011 1:23:05 PM

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: 3

Temperature: 1.5

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	$ICPWATER TLAA
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	HG
5-5-11	1011	AE38471	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		CLIC

	Signature	Print Name	Company	Date	Time
Relinquished By:	[signature]	DAVID E WELLS	FIELD STAFF/CHEMTECH	5-5-11	1110
Received By:	[signature]	BC CARRIER	MCU	5-5-11	1120
Relinquished By:					
Received By:					

Comments:

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL	SITE LOCATION:	
WELL NO: **GW-3**	SAMPLE ID: AE 37586	DATE: 5-2-11

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): 6.0	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.5096

19.56 feet − static depth 6 = 13.56 feet X 0.16 gallons/foot = 2.1696 gallons + .34 = 11.4MG / purge time = TIME TO PURGE 1(ONE)GALLON 4.5 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): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 0951	PURGING ENDED AT: 1008	TOTAL VOLUME PURGED (gallons): 3.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1002	242	242	.22	7.1	6.26	24.0	641	3.50	13.7	Yellow	None #185
1005	.66	308	.22	7.1	6.25	24.0	637	3.24	6.28	Yellow	None #185
1008	.66	3.74	.22	7.2	6.23	24.0	6.36	3.73	6.83	Yellow	None #188

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 PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1008	SAMPLING ENDED AT: 1012
PUMP OR TUBING DEPTH IN WELL (feet): 9	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-2**	SAMPLE ID: ~~AE~~ 37585	DATE: 5-2-11

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): 9	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X ~~WELL~~ CAPACITY 2.00056
19.41 feet – static depth = 10.41 feet X 0.16 gallons/foot = 1.66567 gallons + .34 = / **purge time** = TIME TO PURGE 1(ONE)GALLON 5 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): //	FINAL PUMP OR TUBING DEPTH IN WELL (feet): //	PURGING INITIATED AT: 0916	PURGING ENDED AT: 0932	TOTAL VOLUME PURGED (gallons): 3.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0926	2.00	2.00	.20	9.8	6.34	24.0	693	~~6~~ 51	9.32	yellow	None -136
0929	.60	2.60	.20	9.8	6.33	24.0	693	596	6.34	Yellow	None -131
0932	.60	3.20	.20	9.8	6.32	24.0	693	522	6.93	Yellow	None -130

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): PM [signature]	SAMPLING INITIATED AT: 0932	SAMPLING ENDED AT: 0937
PUMP OR TUBING DEPTH IN WELL (feet): //	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-10	SAMPLE ID: AE 37593 — DATE: 5-4-11

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): 9.5	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

9.5 10.65 1.704 + .34 2.044

20.15 feet – static depth = feet X 0.16 gallons/foot = gallons + .34 = / 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): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 0831	PURGING ENDED AT: 0847	TOTAL VOLUME PURGED (gallons): 3.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0841	2.00	2.00	.20	13.0	682	24.1	650	6.96	152	Clear	None -870
0844	.60	2.60	.20	14.0	683	238	688	661	1.61	Clear	None -965
0847	.60	3.20	.20	14.6	683	238	701	6.36	1.79	Clear	None -943

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): [signature]	SAMPLING INITIATED AT: 0847	SAMPLING ENDED AT: 0851
PUMP OR TUBING DEPTH IN WELL (feet): 17	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 = 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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-11**	SAMPLE ID: AE 37594	DATE: 5-4-11

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): 7.6	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.5816

21.61 feet − 7.6 static depth = 14.01 feet X 0.16 gallons/foot = 2.2416 gallons + .34 = / **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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0916	TOTAL VOLUME PURGED (gallons): 4.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0910	2.50	2.50	.25	8.4	6.49	24.1	648	3.31	3.07	Brwn	None-108
0913	.75	3.25	.25	8.5	6.46	24.0	647	3.08	1.58	Gray	None-116
0916	.75	4.00	.25	8.5	6.49	24.0	649	3.21	1.17	Gray	None-124

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 PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0916	SAMPLING ENDED AT: 0920
PUMP OR TUBING DEPTH IN WELL (feet):	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-12**	SAMPLE ID: AE 375 96	DATE: 5-4-11

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): 11.0	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

20.27 feet – static depth = 11 927 feet X 0.16 gallons/foot = 1.4832 + .34 = 1.8232 / purge time = TIME TO PURGE 1(ONE)GALLON 4 MINUTES

1/25 7.304

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): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0933	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0941	2.00	2.00	.25	11.7	6.42	23.8	921	6.79	1.88	Clear	None + 31.4
0944	.75	2.75	.25	11.7	6.40	23.4	918	5.09	1.53	Clear	None + 43.4
0947	.75	3.50	.25	11.8	6.40	23.6	918	5.81	1.90	Clear	None + 50.6

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: 0947	SAMPLING ENDED AT: 0951
PUMP OR TUBING DEPTH IN WELL (feet): 14	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-13**	SAMPLE ID: AE 37596	DATE: 5-4-11

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): 12.4	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 7.95 MIN

20.22 12.4 7.82 = 1.2512 + .34 1.5912 feet − static depth = feet X 0.16 gallons/foot = gallons + .34 = / purge time = TIME TO PURGE 1(ONE)GALLON 5 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): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1140	PURGING ENDED AT: 1154	TOTAL VOLUME PURGED (gallons): 2.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1148	1.60	1.60	.20	12.9	6.70	24.5	1650	2.47	7.11	Yellow	None - 144
1151	.60	2.20	.20	13.0	6.70	24.4	1650	2.01	8.61	Yellow	None - 872
1154	.60	2.80	.20	13.0	6.67	24.4	1660	1.54	6.73	Yellow	None - 649

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): David E Wells	SAMPLING INITIATED AT: 1154	SAMPLING ENDED AT: 1158
PUMP OR TUBING DEPTH IN WELL (feet): 15	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-14**	SAMPLE ID: AE 37597	DATE: 5-4-11

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): 6.6	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 8.64 Gal/FT/W

20.15 feet − 6.6 static depth = 13.55 feet X 0.16 gallons/foot = 2.168 gallons + .34 = 2.508 / purge time = TIME TO PURGE 1(ONE)GALLON 3.5 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 45 feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1209	PURGING ENDED AT: 1223	TOTAL VOLUME PURGED (gallons): 4.06

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1218	2.32	2.32	.29	7.4	6.67	23.8	1390	1.01	11.2	Clear	None + 108
1220	.87	3.19	.29	7.6	6.58	23.9	1440	0.91	2.39	Clear	None + 108
1223	.87	4.06	.29	7.8	6.66	23.8	1490	0.77	0.91	Clear	None + 108

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: 1223	SAMPLING ENDED AT: 1227
PUMP OR TUBING DEPTH IN WELL (feet): 9	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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)

Dept. Of Environmental Protection

AUG 11 2011

Southwest District

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL	SITE LOCATION:	
WELL NO: **GW-6**	SAMPLE ID: AE 37589	DATE: 5-3-11

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: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 8.4MIN

8.0 11.54 15464 = 2.1864

19.54 feet − static depth = feet X 0.16 gallons/foot = gallons + .34 = / 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): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1004	PURGING ENDED AT: 1018	TOTAL VOLUME PURGED (gallons): 3.64

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1012	2.08	2.08	.26	8.7	6.47	24.1	1540	6.86	36.5	DIRTY	Yes-41.7
1015	.78	2.86	.26	8.7	6.44	24.1	1490	6.90	28.8	Dirty	Yes-41.7
1018	.78	3.64	.26	8.8	6.43	24.1	1450	5.66	19.5	Dirty	Yes-40.7

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 PM	SAMPLER(S) SIGNATURE(S): David E Wells	SAMPLING INITIATED AT: 1018	SAMPLING ENDED AT: 1022
PUMP OR TUBING DEPTH IN WELL (feet): 11	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-7**	SAMPLE ID: AE 37590	DATE: 5-3-11

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): 10.3	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 8.24 min/ul

10.3 10.24 1.6384 + .34 1.9784

20.54 feet − static depth = feet X 0.16 gallons/foot = gallons + .34 = / 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): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1030	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1038	1.92	1.92	.24	10.9	6.26	24.3	603	4.86	6.86	Yellow	None 1035
1041	.72	2.64	.24	11.0	6.30	24.2	681	4.82	9.76	Yellow	None 1030
1044	.72	3.36	.24	11.0	6.36	24.2	639	4.97	9.96	Yellow	None 1040

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: 1014	SAMPLING ENDED AT: 1045
PUMP OR TUBING DEPTH IN WELL (feet): 13	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-8	SAMPLE ID: AE 37591 — DATE: 5-3-11

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): 11.3	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY ÷.26 6.85 mN
20.32 feet – static depth 10.3 = 9.02 feet X 0.16 gallons/foot = 1.4432 gallons + .34 = 1.78 gallons + .34 = / purge time = TIME TO PURGE 1(ONE)GALLON_____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): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.8	PURGING INITIATED AT: 1057	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 3.38

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1104	1.82	1.82	.26	11.9	6.40	24.3	743	3.56	10.1	Clear	None - 1[illegible]
1107	.78	2.60	.26	12.0	6.93	24.2	741	3.74	10.3	Clear	None - 12[illegible]
1110	.78	3.38	.26	12.0	6.60	24.2	746	3.89	14.8	Clear	None - 123

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. VM	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1114
PUMP OR TUBING DEPTH IN WELL (feet): 13.5	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 = 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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-9**	SAMPLE ID: MW 3759Z	DATE: 5-3-11

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): 11	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

20.56 feet − 11 static depth = 9.56 feet X 1.5296 0.16 gallons/foot = 1.8696 gallons + .34 = / 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): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	PURGING INITIATED AT: 1136	PURGING ENDED AT: 1156	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1150	1.82	1.82	.13	14.3	7.20	24.8	732	9.60	3.37	Clear	None (124
1153	.39	2.21	.13	14.6	7.18	24.8	745	6.81	4.01	Clear	None (126
1156	.39	2.60	.13	14.9	7.18	24.9	751	5.32	4.17	Clear	None (128

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 PM	SAMPLER(S) SIGNATURE(S): David E Wells	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1201
PUMP OR TUBING DEPTH IN WELL (feet): 13.5	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-5**	SAMPLE ID: AE 3758 F — DATE: 5-3-11

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): 8.2	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY — 8.69 IN/FT

19.66 feet − 8.2 static depth = 11.46 feet X 0.16 gallons/foot = 1.8336 gallons + .34 = 2.1736 (only fill out if applicable) / **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): //	FINAL PUMP OR TUBING DEPTH IN WELL (feet): //	PURGING INITIATED AT: 0937	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0947	2.00	2.00	.25	9.0	6.37	24.2	591	5.83	5.17	Clear	Slight (65.5)
0950	2.75	2.75	.25	9.1	6.34	24.2	594	5.84	5.69	Clear	Slight (72.2)
0953	.75	3.50	.25	9.1	6.33	24.2	597	5.70	4.55	Clear	Slight (80.2)

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 PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0953	SAMPLING ENDED AT: 0957
PUMP OR TUBING DEPTH IN WELL (feet): //	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-4**	SAMPLE ID: AG 37587	DATE: 5-2-11

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: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

19.63 feet – static depth 8.3 = 11.33 feet X 0.16 = 1.8128 gallons/foot = gallons + .34 = 2.1528 (only fill out if applicable)

/ 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): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1028	PURGING ENDED AT: 1045	TOTAL VOLUME PURGED (gallons): 3.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1039	2.20	2.20	.20	9.1	6.17	24.2	353	3.52	16.6	Yellowish	None +225
1042	.60	2.80	.20	9.2	6.18	24.3	355	3.33	16.4	Yellowish	None +221
1045	.60	3.40	.20	9.2	6.18	24.3	356	3.20	14.3	Yellowish	None +219

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 PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1045	SAMPLING ENDED AT: 1049
PUMP OR TUBING DEPTH IN WELL (feet): 11	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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: BGW-1	SAMPLE ID: AE 34871	DATE: 5-5-11

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): 9.4	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 7.18 m/w

20.30 feet – static depth 9.4 = 10.9 feet X 0.16 gallons/foot = 1.744 gallons + .34 = 2.084 / purge time = TIME TO PURGE 1(ONE)GALLON 3 1/2 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 0958	PURGING ENDED AT: 1011	TOTAL VOLUME PURGED (gallons): 3.77

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1005	2.03	2.03	.29	9.9	5.92	22.4	542	0.85	0.05	Clear	None-21.1
1008	.87	2.90	.29	10.0	5.91	22.3	540	0.82	0.05	Clear	None 2006
1011	.87	3.77	.29	10.0	5.90	22.3	538	0.77	0.05	Clear	None-FP.2

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: 1011	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 12	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-15	SAMPLE ID: AE 37598 — DATE: 5-5-11

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): 8.9	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY 7.29 min
8.9 11.1 1.776 + .34 2.116 (only fill out if applicable)
20.00 feet – static depth = feet X 0.16 gallons/foot = gallons + .34 = / purge time = TIME TO PURGE 1(ONE)GALLON 3 1/2 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0829	PURGING ENDED AT: 0843	TOTAL VOLUME PURGED (gallons): 4.06

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0837	2.32	2.32	.29	9.7	6.42	23.0	746	1.15	1.77	Cloudy	None -44.6
0840	.87	3.19	.29	9.8	6.38	23.0	739	1.00	0.42	Cloudy	None -45.5
0843	.87	4.06	.29	9.8	6.37	23.0	731	0.95	0.79	Cloudy	none -45.9

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

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 PM	SAMPLER(S) SIGNATURE(S): Daniel G Wells	SAMPLING INITIATED AT: 0843	SAMPLING ENDED AT: 0847
PUMP OR TUBING DEPTH IN WELL (feet):	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 = 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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-16**	SAMPLE ID: AE 375999	DATE: 5-5-11

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): 10.0	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 6.77 M,N

10 = 10.15

20.15 feet − static depth = feet X 0.16 gallons/foot = 1.624 + .34 gallons + .34 = 1964 **purge time** = TIME TO PURGE 1(ONE)GALLON 3 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): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING INITIATED AT: 0857	PURGING ENDED AT: 0910	TOTAL VOLUME PURGED (gallons): 3.77

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0904	.203	203	.29	10.7	6.15	23.0	716	0.96	4.03	Clear	None - 81.9
0907	.87	2.90	.29	10.7	6.19	23.0	717	0.83	3.71	Clear	None - 97.5
0910	.87	3.77	.29	10.8	6.22	23.0	717	0.74	4.86	Clear	None - 107

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: 0910	SAMPLING ENDED AT: 0914
PUMP OR TUBING DEPTH IN WELL (feet): 12.5	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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)

Revision Date: February 1, 2004

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL	SITE LOCATION:	
WELL NO: **GW-17**	SAMPLE ID: AE 37600	DATE: 5-5-1

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): 8.7	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 7.5 MIN

20.80 feet − 8.7 static depth = 12.1 feet X 0.16 gallons/foot = 1.936 gallons + .34 = 2.276 / purge time = TIME TO PURGE 1(ONE)GALLON 2.50 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0923	PURGING ENDED AT: 0937	TOTAL VOLUME PURGED (gallons): 4.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0931	2.40	2.40	30	9.4	5.35	23.0	286	0.70	15.2	Clear	None +196
0934	.90	3.30	.30	9.5	5.36	23.1	267	0.61	15.4	Clear	None +188
0937	.90	4.20	.30	9.6	5.36	23.1	249	055	13.7	Clear	None +180

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): David E Wells	SAMPLING INITIATED AT: 0937	SAMPLING ENDED AT: 0941
PUMP OR TUBING DEPTH IN WELL (feet):	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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-1**	SAMPLE ID: AG 37584	DATE: 5-2-10

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): 7.0	PURGE PUMP TYPE OR BAILER: RFPP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

19.42 feet – static depth = 7 feet X 0.16 (12.42) gallons/foot = gallons + .34 = / **purge time** = TIME TO PURGE 1(ONE)GALLON 3 MINUTES

1.987 + .34 = 2.327 gallons

11.6 min

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): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 0835	PURGING ENDED AT: 0852 (0840)	TOTAL VOLUME PURGED (gallons): 3.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0846	2.20	2.20	.20	7.9	6.65	23.5	608	5.23	9.38	Cloudy	none	26.3
0849	.60	2.80	.20	7.9	6.68	23.4	607	4.96	7.94	Yellow	Wave	26.5
0852	.60	3.40	.20	8.0	6.67	23.4	605	4.55	2.76	Yellow	None	26.9

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

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 PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0852	SAMPLING ENDED AT: 0857
PUMP OR TUBING DEPTH IN WELL (feet): 9	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

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:** ± 5% **Dissolved Oxygen:** all readings ≤ 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)

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218

Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-1 AE37584**
Matrix	**Groundwater**
SAL Sample Number	**1102485-01**
Date/Time Collected	**05/02/11 08:52**
Collected by	**David E. Wells**
Date/Time Received	**06/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	3.3 I,J3	EPA 8260	4.0	2.0		05/12/11 14:43	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 14:43	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 14:43	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 14:43	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 14:43	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 14:43	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 14:43	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 14:43	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 14:43	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 14:43	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 14:43	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 14:43	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218

Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-1 AE37584**
Matrix	**Groundwater**
SAL Sample Number	**1102485-01**
Date/Time Collected	**05/02/11 08:52**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 14:43	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 14:43	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 14:43	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 14:43	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 14:43	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 14:43	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 14:43	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/12/11 19:37	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/12/11 19:37	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-2 AE37585**
Matrix	**Groundwater**
SAL Sample Number	**1102485-02**
Date/Time Collected	**05/02/11 09:32**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	3.5 I,J3	EPA 8260	4.0	2.0		05/12/11 15:17	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 15:17	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 15:17	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 15:17	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:17	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:17	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 15:17	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 15:17	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 15:17	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 15:17	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 15:17	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 15:17	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-2 AE37585**
Matrix	**Groundwater**
SAL Sample Number	**1102485-02**
Date/Time Collected	**05/02/11 09:32**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 15:17	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 15:17	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:17	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 15:17	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 15:17	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:17	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:17	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 19:58	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 19:58	BTJ

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May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-3 AE37586**
Matrix	**Groundwater**
SAL Sample Number	**1102485-03**
Date/Time Collected	**05/02/11 10:08**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 15:51	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 15:51	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:51	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 15:51	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 15:51	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 20:19	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 20:19	BTJ

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May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-3 AE37586**
Matrix	**Groundwater**
SAL Sample Number	**1102485-03**
Date/Time Collected	**05/02/11 10:08**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.4 I,J3	EPA 8260	4.0	2.0		05/12/11 15:51	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 15:51	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 15:51	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 15:51	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:51	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 15:51	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 15:51	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 15:51	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 15:51	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 15:51	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 15:51	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 15:51	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 15:51	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 15:51	JRW

FDOH Laboratory No.E84129
NELAP Accredited

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Leslie C. Boardman, Q.A. Manager

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-4 AE37587**
Matrix	**Groundwater**
SAL Sample Number	**1102485-04**
Date/Time Collected	**05/02/11 10:45**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 16:25	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 16:25	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 16:25	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 16:25	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:25	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:25	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 16:25	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 16:25	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 16:25	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 16:25	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 16:25	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 16:25	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-4 AE37587**
Matrix	**Groundwater**
SAL Sample Number	**1102485-04**
Date/Time Collected	**05/02/11 10:45**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 16:25	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 16:25	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:25	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 16:25	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 16:25	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:25	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:25	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 20:40	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 20:40	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-5 AE37588**
Matrix	**Groundwater**
SAL Sample Number	**1102485-05**
Date/Time Collected	**05/03/11 09:53**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.1 I,J3	EPA 8260	4.0	2.0		05/12/11 16:59	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 16:59	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 16:59	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 16:59	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:59	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:59	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 16:59	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 16:59	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 16:59	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 16:59	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 16:59	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 16:59	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-5 AE37588**
Matrix	**Groundwater**
SAL Sample Number	**1102485-05**
Date/Time Collected	**05/03/11 09:53**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 16:59	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 16:59	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 16:59	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 16:59	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 16:59	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 16:59	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 16:59	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 21:01	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 21:01	BTJ

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May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-6 AE37589**
Matrix	**Groundwater**
SAL Sample Number	**1102485-06**
Date/Time Collected	**05/03/11 10:18**
Collected by	**David E. Wells**
Date/Time Received	**06/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	3.6 I,J3	EPA 8260	4.0	2.0		05/12/11 17:33	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 17:33	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 17:33	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 17:33	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 17:33	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 17:33	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 17:33	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 17:33	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 17:33	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 17:33	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 17:33	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 17:33	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-6 AE37589**
Matrix	**Groundwater**
SAL Sample Number	**1102485-06**
Date/Time Collected	**05/03/11 10:18**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 17:33	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 17:33	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 17:33	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 17:33	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 17:33	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 17:33	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 17:33	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:03	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:03	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-7 AE37590**
Matrix	**Groundwater**
SAL Sample Number	**1102485-07**
Date/Time Collected	**05/03/11 10:44**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.3 I,J3	EPA 8260	4.0	2.0		05/12/11 18:06	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 18:06	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 18:06	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 18:06	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:06	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:06	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 18:06	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 18:06	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 18:06	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 18:06	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 18:06	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 18:06	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-7 AE37590**
Matrix	**Groundwater**
SAL Sample Number	**1102485-07**
Date/Time Collected	**05/03/11 10:44**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 18:06	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 18:06	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:06	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 18:06	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 18:06	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:06	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:06	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:24	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:24	BTJ

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110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218

Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-8 AE37591**
Matrix	**Groundwater**
SAL Sample Number	**1102485-08**
Date/Time Collected	**05/03/11 11:10**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 18:40	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 18:40	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 18:40	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 18:40	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:40	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:40	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 18:40	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 18:40	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 18:40	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 18:40	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 18:40	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 18:40	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-8 AE37591**
Matrix	**Groundwater**
SAL Sample Number	**1102485-08**
Date/Time Collected	**05/03/11 11:10**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 18:40	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 18:40	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 18:40	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 18:40	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 18:40	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 18:40	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 18:40	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:45	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 22:45	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-9 AE37592**
Matrix	**Groundwater**
SAL Sample Number	**1102485-09**
Date/Time Collected	**05/03/11 11:56**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	4.3 J3	EPA 8260	4.0	2.0		05/12/11 19:14	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 19:14	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 19:14	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 19:14	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:14	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:14	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 19:14	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 19:14	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 19:14	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 19:14	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 19:14	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 19:14	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-9 AE37592**
Matrix	**Groundwater**
SAL Sample Number	**1102485-09**
Date/Time Collected	**05/03/11 11:56**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 19:14	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 19:14	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:14	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 19:14	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 19:14	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:14	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:14	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 23:06	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 23:06	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-10 AE37593**
Matrix	**Groundwater**
SAL Sample Number	**1102485-10**
Date/Time Collected	**05/04/11 08:47**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	5.9 J3	EPA 8260	4.0	2.0		05/12/11 19:48	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 19:48	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 19:48	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 19:48	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Chlorobenzene	ug/L	0.6 I	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:48	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:48	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 19:48	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 19:48	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 19:48	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 19:48	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 19:48	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 19:48	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW

FDOH Laboratory No.E84129
NELAP Accredited

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-10 AE37593**
Matrix	**Groundwater**
SAL Sample Number	**1102485-10**
Date/Time Collected	**05/04/11 08:47**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 19:48	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 19:48	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 19:48	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 19:48	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 19:48	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 19:48	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 19:48	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 23:26	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/12/11 23:26	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-11 AE37594**
Matrix	**Groundwater**
SAL Sample Number	**1102485-11**
Date/Time Collected	**05/04/11 09:16**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.3 I,J3	EPA 8260	4.0	2.0		05/12/11 20:22	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 20:22	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 20:22	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 20:22	JRW
Carbon disulfide	ug/L	0.2 I	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:22	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:22	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 20:22	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 20:22	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 20:22	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 20:22	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 20:22	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 20:22	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-11 AE37594**
Matrix	**Groundwater**
SAL Sample Number	**1102485-11**
Date/Time Collected	**05/04/11 09:16**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 20:22	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 20:22	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:22	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 20:22	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 20:22	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:22	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:22	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	05/12/11 11:00	05/12/11 23:48	BTJ
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	05/12/11 11:00	05/12/11 23:48	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-12 AE37595**
Matrix	**Groundwater**
SAL Sample Number	**1102485-12**
Date/Time Collected	**05/04/11 09:47**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	3.4 I,J3	EPA 8260	4.0	2.0		05/12/11 20:55	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 20:55	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 20:55	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 20:55	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:55	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:55	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 20:55	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 20:55	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 20:55	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 20:55	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 20:55	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 20:55	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW

FDOH Laboratory No.E84129
NELAP Accredited

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Leslie C. Boardman, Q.A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-12 AE37595**
Matrix	**Groundwater**
SAL Sample Number	**1102485-12**
Date/Time Collected	**05/04/11 09:47**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 20:55	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 20:55	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 20:55	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 20:55	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 20:55	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 20:55	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 20:55	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 00:08	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 00:08	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-13 AE37596**
Matrix	**Groundwater**
SAL Sample Number	**1102485-13**
Date/Time Collected	**05/04/11 11:54**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.5 I,J3	EPA 8260	4.0	2.0		05/12/11 21:29	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 21:29	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 21:29	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 21:29	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 21:29	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 21:29	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 21:29	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 21:29	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 21:29	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 21:29	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 21:29	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 21:29	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-13 AE37596**
Matrix	**Groundwater**
SAL Sample Number	**1102485-13**
Date/Time Collected	**05/04/11 11:54**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 21:29	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 21:29	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 21:29	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 21:29	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 21:29	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 21:29	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 21:29	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/13/11 00:29	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/13/11 00:29	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-14 AE37597**
Matrix	**Groundwater**
SAL Sample Number	**1102485-14**
Date/Time Collected	**05/04/11 12:23**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 22:03	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 22:03	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 22:03	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 22:03	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:03	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:03	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 22:03	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 22:03	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 22:03	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 22:03	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 22:03	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 22:03	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-14 AE37597**
Matrix	**Groundwater**
SAL Sample Number	**1102485-14**
Date/Time Collected	**05/04/11 12:23**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 22:03	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 22:03	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:03	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 22:03	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 22:03	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:03	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:03	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 00:50	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 00:50	BTJ

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May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-15 AE37598**
Matrix	**Groundwater**
SAL Sample Number	**1102485-15**
Date/Time Collected	**05/05/11 08:43**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 22:36	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 22:36	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 22:36	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 22:36	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:36	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:36	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 22:36	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 22:36	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 22:36	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 22:36	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 22:36	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 22:36	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-15 AE37598**
Matrix	**Groundwater**
SAL Sample Number	**1102485-15**
Date/Time Collected	**05/05/11 08:43**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 22:36	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 22:36	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 22:36	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 22:36	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 22:36	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 22:36	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 22:36	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 01:11	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 01:11	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-16 AE37599**
Matrix	**Groundwater**
SAL Sample Number	**1102485-16**
Date/Time Collected	**05/05/11 09:10**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 23:10	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 23:10	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 23:10	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 23:10	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:10	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:10	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 23:10	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 23:10	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 23:10	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 23:10	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 23:10	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 23:10	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW

FDOH Laboratory No.E84129
NELAP Accredited

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-16 AE37599**
Matrix	**Groundwater**
SAL Sample Number	**1102485-16**
Date/Time Collected	**05/05/11 09:10**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 23:10	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 23:10	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:10	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 23:10	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 23:10	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:10	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:10	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 02:34	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 02:34	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**GW-17 AE37600**
Matrix	**Groundwater**
SAL Sample Number	**1102485-17**
Date/Time Collected	**05/05/11 09:37**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/12/11 23:44	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 23:44	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 23:44	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 23:44	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:44	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:44	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 23:44	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 23:44	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 23:44	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 23:44	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 23:44	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 23:44	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**GW-17 AE37600**
Matrix	**Groundwater**
SAL Sample Number	**1102485-17**
Date/Time Collected	**05/05/11 09:37**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 23:44	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 23:44	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 23:44	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 23:44	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 23:44	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 23:44	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 23:44	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 02:55	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 02:55	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**BGW-1 AE38471**
Matrix	**Groundwater**
SAL Sample Number	**1102485-18**
Date/Time Collected	**05/05/11 10:11**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U,J3	EPA 8260	4.0	2.0		05/13/11 00:18	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/13/11 00:18	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/13/11 00:18	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/13/11 00:18	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/13/11 00:18	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/13/11 00:18	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/13/11 00:18	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/13/11 00:18	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/13/11 00:18	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/13/11 00:18	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/13/11 00:18	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/13/11 00:18	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW

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4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**BGW-1 AE38471**
Matrix	**Groundwater**
SAL Sample Number	**1102485-18**
Date/Time Collected	**05/06/11 10:11**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/13/11 00:18	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/13/11 00:18	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/13/11 00:18	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/13/11 00:18	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/13/11 00:18	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/13/11 00:18	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/13/11 00:18	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 03:17	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 03:17	BTJ

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**Field Duplicate GW-1 AE37602**
Matrix	**Groundwater**
SAL Sample Number	**1102485-19**
Date/Time Collected	**05/02/11 08:52**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	3.8 I,J3	EPA 8260	4.0	2.0		05/12/11 13:35	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 13:35	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 13:35	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 13:35	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:35	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:35	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 13:35	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 13:35	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 13:35	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 13:35	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 13:35	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 13:35	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**Field Duplicate GW-1 AE37602**
Matrix	**Groundwater**
SAL Sample Number	**1102485-19**
Date/Time Collected	**05/02/11 08:52**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 13:35	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 13:35	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:35	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 13:35	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 13:35	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:35	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:35	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/13/11 03:38	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	05/12/11 11:00	05/13/11 03:38	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218

Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 17, 2011
Work Order: 1102485

Laboratory Report

Project Name **Lena Rd County LF-Groundwater**

Sample Description	**Field Blank AE37601**
Matrix	**Reagent Water**
SAL Sample Number	**1102485-20**
Date/Time Collected	**05/02/11 08:25**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.7 I,J3	EPA 8260	4.0	2.0		05/12/11 13:01	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		05/12/11 13:01	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Bromochloromethane	ug/L	0.5 I	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 13:01	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		05/12/11 13:01	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:01	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:01	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Dibromomethane	ug/L	0.2 I	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		05/12/11 13:01	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 13:01	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		05/12/11 13:01	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		05/12/11 13:01	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Methylene Chloride	ug/L	0.4 I	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		05/12/11 13:01	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		05/12/11 13:01	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW

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Project Name	**Lena Rd County LF-Groundwater**
Sample Description	**Field Blank AE37601**
Matrix	**Reagent Water**
SAL Sample Number	**1102485-20**
Date/Time Collected	**05/02/11 08:25**
Collected by	**David E. Wells**
Date/Time Received	**05/06/11 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		05/12/11 13:01	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		05/12/11 13:01	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		05/12/11 13:01	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		05/12/11 13:01	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		05/12/11 13:01	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		05/12/11 13:01	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		05/12/11 13:01	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 03:59	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	05/12/11 11:00	05/13/11 03:59	BTJ