

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

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FDOHLAB ID: E54560

USEPA LAB CODE: FL00031

Laboratory Contact: Jeff Goodwin

State of Environmental Protection
JAN 19 2011
Southwest District

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

SAMPLE RECEIPT DATE: 09/15/2010

REPORT DATE: 1/15/2011

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 2011.01.15
11:14:02 -05'00'



Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34299 Collection Date / Time: 09/15/2010 09:57								
Sample Point: Lena Road Monitoring Well GW-1								
Sample Comment:								

Analysis Department:

ANIONS

Chloride by Ion Chromatography	EPA 300.0	19.1	mg/L		09/15/2010 18:42	0.060	1.00	IR
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	09/16/2010 12:19	0.006	0.025	EMM

Analysis Department:

CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.08		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.3		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.4		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	02		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.3		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.6		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.2		JRW
Ethylene dibromide	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.06		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.6		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 05:54	0.1		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	718	umhos/cm		09/15/2010	09:57	1		DWELLS
Field Dissolved Oxygen	FIELD	1.21	mg/L		09/15/2010	09:57	0.01		DWELLS
Field pH	FIELD	6.55	Std. units		09/15/2010	09:57	0.010		DWELLS
Field Temperature	FIELD	27.0	Degrees C		09/15/2010	09:57	0.01		DWELLS
Field Turbidity	FIELD	1.64	NTU		09/15/2010	09:57	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	0.112	ug/L		09/17/2010	12:15	0.011	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.068	mg/L		09/21/2010	11:04	0.0038	0.005	KMH
Barium	EPA 200.7	0.022	mg/L		09/21/2010	11:04	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00004	mg/L	I	09/21/2010	11:04	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0016	mg/L	I	09/21/2010	11:04	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0012	mg/L	I	09/21/2010	11:04	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0009	0.005	KMH
Iron	EPA 200.7	11.8	mg/L		09/21/2010	11:04	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0029	mg/L	I	09/21/2010	11:04	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:04	0.0007	0.005	KMH
Sodium	EPA 200.7	20.2	mg/L		09/21/2010	11:04	0.016	2.00	KMH
Vanadium	EPA 200.7	0.010	mg/L		09/21/2010	11:04	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0036	mg/L	I	09/21/2010	11:04	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	12:54	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.543	mg/L		09/20/2010	14:25	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	484	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analysis
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Sample ID: AE34300 Collection Date / Time: 09/21/2010 08:45
Sample Point: Lena Road Monitoring Well GW-10
Sample Comment:

Dept. Of Environment
Environmental Protection
JAN 19 2011
Southwest District

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	11.7	mg/L		09/22/2010 18:55	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.076	mg/L		09/21/2010 15:48	0.006	0.025	AMC

Analysis Department: CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.2		JRW
Chlorobenzene	EPA 8260	0.61	ug/L	C	09/24/2010 21:13	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:13	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 18:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 18:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	Analyst
Southern Piedmont District								
<u>Analysis Department:</u>		<u>FIELD</u>						
Field conductivity	FIELD	612	umhos/cm		09/21/2010	08:45	1	DWELLS
Field Dissolved Oxygen	FIELD	1.36	mg/L		09/21/2010	08:45	0.01	DWELLS
Field pH	FIELD	6.67	Std. units		09/21/2010	08:45	0.010	DWELLS
Field Temperature	FIELD	27.4	Degrees C		09/21/2010	08:45	0.01	DWELLS
Field Turbidity	FIELD	3.57	NTU		09/21/2010	08:45	0.02	DWELLS
<u>Analysis Department:</u>		<u>METALS</u>						
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:01	0.068	0.100 IR
Metals by 200.7								
Antimony	EPA 200.7	<MDL	mg/L	U	09/23/2010	10:44	0.0039	0.005 KMH
Arsenic	EPA 200.7	0.042	mg/L		09/23/2010	10:44	0.0038	0.005 KMH
Barium	EPA 200.7	0.024	mg/L		09/23/2010	10:44	0.0002	0.005 KMH
Beryllium	EPA 200.7	0.00004	mg/L	I	09/23/2010	10:44	0.00004	0.005 KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	10:44	0.0004	0.005 KMH
Chromium	EPA 200.7	0.0018	mg/L	I	09/23/2010	10:44	0.0007	0.005 KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	10:44	0.0003	0.005 KMH
Copper	EPA 200.7	0.006	mg/L		09/23/2010	10:44	0.0009	0.005 KMH
Iron	EPA 200.7	1.91	mg/L		09/23/2010	10:44	0.046	0.125 KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	10:44	0.0017	0.005 KMH
Nickel	EPA 200.7	0.0022	mg/L	I	09/23/2010	10:44	0.0002	0.005 KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	10:44	0.0046	0.005 KMH
Silver	EPA 200.7	0.0008	mg/L	I	09/23/2010	10:44	0.0007	0.005 KMH
Sodium	EPA 200.7	7.15	mg/L		09/23/2010	10:44	0.016	2.00 KMH
Vanadium	EPA 200.7	0.0033	mg/L	I	09/23/2010	10:44	0.0005	0.005 KMH
Zinc	EPA 200.7	0.030	mg/L		09/23/2010	10:44	0.0029	0.005 KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:04	0.0003	0.002 IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>						
Ammonia	EPA 350.1	3.71	mg/L		09/23/2010	13:14	0.018	0.050 AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>						
Total Dissolved Solids	SM 2540 C	369	mg/L		09/22/2010	14:00	10.0	10.0 EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34301 Collection Date / Time: 09/21/2010 09:26								
Sample Point: Lena Road Monitoring Well GW-11								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	18.0	mg/L		09/22/2010 19:11	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.338	mg/L		09/21/2010 16:05	0.006	0.025	AMC

Analysis Department: CONTRACT

258 Appendix 1 Volatiles -Contract Lab

1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 21:44	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	424	umhos/cm		09/21/2010	09:26	1		DWELLS
Field Dissolved Oxygen	FIELD	5.43	mg/L		09/21/2010	09:26	0.01		DWELLS
Field pH	FIELD	6.60	Std. units		09/21/2010	09:26	0.010		DWELLS
Field Temperature	FIELD	26.7	Degrees C		09/21/2010	09:26	0.01		DWELLS
Field Turbidity	FIELD	3.06	NTU		09/21/2010	09:26	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:09	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.038	mg/L		09/23/2010	11:04	0.0038	0.005	KMH
Barium	EPA 200.7	0.017	mg/L		09/23/2010	11:04	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00006	mg/L	I	09/23/2010	11:04	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0016	mg/L	I	09/23/2010	11:04	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0009	0.005	KMH
Iron	EPA 200.7	5.54	mg/L		09/23/2010	11:04	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0010	mg/L	I	09/23/2010	11:04	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:04	0.0007	0.005	KMH
Sodium	EPA 200.7	13.6	mg/L		09/23/2010	11:04	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0039	mg/L	I	09/23/2010	11:04	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0029	mg/L	I	09/23/2010	11:04	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:14	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.877	mg/L		09/23/2010	12:40	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	298	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34302 Collection Date / Time: 09/21/2010 09:57								
Sample Point: Lena Road Monitoring Well GW-12								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	6.37	mg/L		09/22/2010 19:28	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	<MDL	mg/L	U	09/21/2010 14:59	0.006	0.025	AMC

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:16	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1030	umhos/cm		09/21/2010	09:57	1		DWELLS
Field Dissolved Oxygen	FIELD	1.13	mg/L		09/21/2010	09:57	0.01		DWELLS
Field pH	FIELD	6.35	Std. units		09/21/2010	09:57	0.010		DWELLS
Field Temperature	FIELD	27.1	Degrees C		09/21/2010	09:57	0.01		DWELLS
Field Turbidity	FIELD	0.89	NTU		09/21/2010	09:57	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:12	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.007	mg/L		09/23/2010	11:09	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.032	mg/L		09/23/2010	11:09	0.0038	0.005	KMH
Barium	EPA 200.7	0.051	mg/L		09/23/2010	11:09	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:09	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:09	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0013	mg/L	I	09/23/2010	11:09	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0006	mg/L	I	09/23/2010	11:09	0.0003	0.005	KMH
Copper	EPA 200.7	0.0036	mg/L	I	09/23/2010	11:09	0.0009	0.005	KMH
Iron	EPA 200.7	0.069	mg/L	I	09/23/2010	11:09	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:09	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0016	mg/L	I	09/23/2010	11:09	0.0002	0.005	KMH
Selenium	EPA 200.7	0.043	mg/L		09/23/2010	11:09	0.0046	0.005	KMH
Silver	EPA 200.7	0.0008	mg/L	I	09/23/2010	11:09	0.0007	0.005	KMH
Sodium	EPA 200.7	6.85	mg/L		09/23/2010	11:09	0.016	2.00	KMH
Vanadium	EPA 200.7	0.014	mg/L		09/23/2010	11:09	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0035	mg/L	I	09/23/2010	11:09	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:24	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	<MDL	mg/L	U	09/23/2010	12:40	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	825	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34303 Collection Date / Time: 09/21/2010 10:25								
Sample Point: Lena Road Monitoring Well GW-13								
Sample Comment:								

Analysis Department:

ANIONS

Chloride by Ion Chromatography	EPA 300.0	33.7	mg/L		09/22/2010 19:44	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.273	mg/L		09/21/2010 15:16	0.006	0.025	AMC

Analysis Department:

CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 22:47	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1920	umhos/cm		09/21/2010	10:25	1		DWELLS
Field Dissolved Oxygen	FIELD	1.01	mg/L		09/21/2010	10:25	0.01		DWELLS
Field pH	FIELD	6.62	Std. units		09/21/2010	10:25	0.010		DWELLS
Field Temperature	FIELD	27.2	Degrees C		09/21/2010	10:25	0.01		DWELLS
Field Turbidity	FIELD	2.41	NTU		09/21/2010	10:25	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:14	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.005	mg/L		09/23/2010	11:13	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.034	mg/L		09/23/2010	11:13	0.0038	0.005	KMH
Barium	EPA 200.7	0.052	mg/L		09/23/2010	11:13	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:13	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:13	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0024	mg/L	I	09/23/2010	11:13	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:13	0.0003	0.005	KMH
Copper	EPA 200.7	0.0020	mg/L	I	09/23/2010	11:13	0.0009	0.005	KMH
Iron	EPA 200.7	0.726	mg/L		09/23/2010	11:13	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:13	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0012	mg/L	I	09/23/2010	11:13	0.0002	0.005	KMH
Selenium	EPA 200.7	0.022	mg/L		09/23/2010	11:13	0.0046	0.005	KMH
Silver	EPA 200.7	0.0008	mg/L	I	09/23/2010	11:13	0.0007	0.005	KMH
Sodium	EPA 200.7	43.9	mg/L		09/23/2010	11:13	0.016	2.00	KMH
Vanadium	EPA 200.7	0.015	mg/L		09/23/2010	11:13	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:13	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:35	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.50	mg/L		09/23/2010	12:40	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	1700	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE34304 Collection Date / Time: 09/21/2010 10:58

Sample Point: Lena Road Monitoring Well GW-14

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	125	mg/L		09/22/2010 21:21	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	1.98	mg/L		09/21/2010 15:32	0.006	0.025	AMC

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 23:18	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1950	umhos/cm		09/21/2010	10:58	1		DWELLS
Field Dissolved Oxygen	FIELD	1.43	mg/L		09/21/2010	10:58	0.01		DWELLS
Field pH	FIELD	6.61	Std. units		09/21/2010	10:58	0.010		DWELLS
Field Temperature	FIELD	27.6	Degrees C		09/21/2010	10:58	0.01		DWELLS
Field Turbidity	FIELD	0.87	NTU		09/21/2010	10:58	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:17	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.032	mg/L		09/23/2010	11:17	0.0038	0.005	KMH
Barium	EPA 200.7	0.071	mg/L		09/23/2010	11:17	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0018	mg/L	I	09/23/2010	11:17	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0007	mg/L	I	09/23/2010	11:17	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0009	0.005	KMH
Iron	EPA 200.7	1.22	mg/L		09/23/2010	11:17	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0029	mg/L	I	09/23/2010	11:17	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0046	0.005	KMH
Silver	EPA 200.7	0.0009	mg/L	I	09/23/2010	11:17	0.0007	0.005	KMH
Sodium	EPA 200.7	90.8	mg/L		09/23/2010	11:17	0.016	2.00	KMH
Vanadium	EPA 200.7	0.0007	mg/L	I	09/23/2010	11:17	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:17	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:45	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.228	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	1570	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID:	AE34305	Collection Date / Time:	09/22/2010	09:01				
Sample Point:	Lena Road Monitoring Well GW-15							
Sample Comment:								

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	52.7	mg/L		09/22/2010	20:33	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.122	mg/L		09/22/2010	14:03	0.006	0.025	EMM

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	01		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	02		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	01		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010	23:49	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010	18:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010	18:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	619	umhos/cm		09/22/2010	09:01	1		DWELLS
Field Dissolved Oxygen	FIELD	1.38	mg/L		09/22/2010	09:01	0.01		DWELLS
Field pH	FIELD	6.54	Std. units		09/22/2010	09:01	0.010		DWELLS
Field Temperature	FIELD	26.7	Degrees C		09/22/2010	09:01	0.01		DWELLS
Field Turbidity	FIELD	3.76	NTU		09/22/2010	09:01	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:17	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:48	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.024	mg/L		09/28/2010	12:46	0.0038	0.005	KMH
Barium	EPA 200.7	0.048	mg/L		09/28/2010	12:48	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00016	mg/L	I	09/28/2010	12:46	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0041	mg/L	I	09/28/2010	12:46	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0009	0.005	KMH
Iron	EPA 200.7	15.7	mg/L		09/28/2010	12:46	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0014	mg/L	I	09/28/2010	12:46	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0007	0.005	KMH
Sodium	EPA 200.7	49.3	mg/L		09/28/2010	12:46	0.016	2.00	KMH
Vanadium	EPA 200.7	0.028	mg/L		09/28/2010	12:46	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:46	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	13:55	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.948	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	431	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34306 Collection Date / Time: 09/22/2010 09:31								
Sample Point: Lena Road Monitoring Well GW-16								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	88.7	mg/L		09/22/2010 21:54	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.031	mg/L		09/22/2010 14:19	0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.4		JRW
Chloroform	EPA 8260	0.14	ug/L	C,I	09/25/2010 00:20	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/25/2010 00:20	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 13:23	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 13:23	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	740	umhos/cm		09/22/2010	09:31	1		DWELLS
Field Dissolved Oxygen	FIELD	1.37	mg/L		09/22/2010	09:31	0.01		DWELLS
Field pH	FIELD	6.44	Std. units		09/22/2010	09:31	0.010		DWELLS
Field Temperature	FIELD	26.2	Degrees C		09/22/2010	09:31	0.01		DWELLS
Field Turbidity	FIELD	1.85	NTU		09/22/2010	09:31	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	11:00	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.015	mg/L		09/28/2010	12:50	0.0038	0.005	KMH
Barium	EPA 200.7	0.031	mg/L		09/28/2010	12:50	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00009	mg/L	I	09/28/2010	12:50	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0017	mg/L	I	09/28/2010	12:50	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0003	0.005	KMH
Copper	EPA 200.7	0.0014	mg/L	I	09/28/2010	12:50	0.0009	0.005	KMH
Iron	EPA 200.7	0.689	mg/L		09/28/2010	12:50	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0026	mg/L	I	09/28/2010	12:50	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:50	0.0007	0.005	KMH
Sodium	EPA 200.7	76.8	mg/L		09/28/2010	12:50	0.016	2.00	KMH
Vanadium	EPA 200.7	0.007	mg/L		09/28/2010	12:50	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0031	mg/L	I	09/28/2010	12:50	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	14:05	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.869	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	462	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34307 Collection Date / Time: 09/22/2010 10:04								
Sample Point: Lena Road Monitoring Well GW-17								
Sample Comment:								

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	5.08	mg/L		09/23/2010 00:20	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.052	mg/L		09/22/2010 14:35	0.006	0.025	EMM

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Bromoform	EPA 8260	0.15	ug/L	C,I	10/06/2010 13:14	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	10/06/2010 13:14	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/28/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/28/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	108	umhos/cm		09/22/2010	10:04	1		DWELLS
Field Dissolved Oxygen	FIELD	2.24	mg/L		09/22/2010	10:04	0.01		DWELLS
Field pH	FIELD	5.38	Std. units		09/22/2010	10:04	0.010		DWELLS
Field Temperature	FIELD	26.8	Degrees C		09/22/2010	10:04	0.01		DWELLS
Field Turbidity	FIELD	3.89	NTU		09/22/2010	10:04	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	11:02	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.006	mg/L		09/28/2010	12:35	0.0038	0.005	KMH
Barium	EPA 200.7	0.006	mg/L		09/28/2010	12:35	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00045	mg/L	I	09/28/2010	12:35	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0004	0.005	KMH
Chromium	EPA 200.7	0.008	mg/L		09/28/2010	12:35	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0003	0.005	KMH
Copper	EPA 200.7	0.0010	mg/L	I	09/28/2010	12:35	0.0009	0.005	KMH
Iron	EPA 200.7	6.29	mg/L		09/28/2010	12:35	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0010	mg/L	I	09/28/2010	12:35	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/28/2010	12:35	0.0007	0.005	KMH
Sodium	EPA 200.7	3.69	mg/L		09/28/2010	12:35	0.016	2.00	KMH
Vanadium	EPA 200.7	0.033	mg/L		09/28/2010	12:35	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0031	mg/L	I	09/28/2010	12:35	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	14:15	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	1.11	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	142	mg/L		09/22/2010	14:00	10.0	10.0	EMM/AC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE34308 Collection Date / Time: 09/15/2010 10:23

Sample Point: Lena Road Monitoring Well GW-2

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	19.8	mg/L		09/15/2010 19:58	0.060	1.00	IR
Nitrate as N by Ion Chromatography	EPA 300.0	0.107	mg/L		09/16/2010 12:35	0.006	0.025	EMM

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.4		JRW
Chloroform	EPA 8260	0.19	ug/L	C,I	09/23/2010 06:26	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:26	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	640	umhos/cm		09/15/2010	10:23	1		DWELLS
Field Dissolved Oxygen	FIELD	1.22	mg/L		09/15/2010	10:23	0.01		DWELLS
Field pH	FIELD	6.51	Std. units		09/15/2010	10:23	0.010		DWELLS
Field Temperature	FIELD	28.1	Degrees C		09/15/2010	10:23	0.01		DWELLS
Field Turbidity	FIELD	2.93	NTU		09/15/2010	10:23	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/17/2010	12:18	0.011	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.030	mg/L		09/21/2010	11:08	0.0038	0.005	KMH
Barium	EPA 200.7	0.023	mg/L		09/21/2010	11:08	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0019	mg/L	I	09/21/2010	11:08	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0003	0.005	KMH
Copper	EPA 200.7	0.0014	mg/L	I	09/21/2010	11:08	0.0009	0.005	KMH
Iron	EPA 200.7	1.25	mg/L		09/21/2010	11:08	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0021	mg/L	I	09/21/2010	11:08	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:08	0.0007	0.005	KMH
Sodium	EPA 200.7	22.8	mg/L		09/21/2010	11:08	0.016	2.00	KMH
Vanadium	EPA 200.7	0.009	mg/L		09/21/2010	11:08	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0034	mg/L	I	09/21/2010	11:08	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	14:56	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.526	mg/L		09/20/2010	14:25	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	417	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34309 Collection Date / Time: 09/15/2010 10:57								
Sample Point: Lena Road Monitoring Well GW-3								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	28.4	mg/L		09/15/2010 15:22	0.060	1.00	IR
Nitrate as N by Ion Chromatography	EPA 300.0	0.041	mg/L		09/16/2010 12:51	0.006	0.025	EMM

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.4		JRW
Chloroform	EPA 8260	0.14	ug/L	C,I	09/23/2010 06:57	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/23/2010 06:57	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/24/2010 12:30	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	623	umhos/cm		09/15/2010	10:54	1		DWELLS
Field Dissolved Oxygen	FIELD	1.04	mg/L		09/15/2010	10:54	0.01		DWELLS
Field pH	FIELD	6.23	Std. units		09/15/2010	10:54	0.010		DWELLS
Field Temperature	FIELD	27.2	Degrees C		09/15/2010	10:54	0.01		DWELLS
Field Turbidity	FIELD	4.41	NTU		09/15/2010	10:54	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/17/2010	12:21	0.011	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.026	mg/L		09/21/2010	11:12	0.0038	0.005	KMH
Barium	EPA 200.7	0.014	mg/L		09/21/2010	11:12	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0021	mg/L	I	09/21/2010	11:12	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0008	mg/L	I	09/21/2010	11:12	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0009	0.005	KMH
Iron	EPA 200.7	4.11	mg/L		09/21/2010	11:12	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0019	mg/L	I	09/21/2010	11:12	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0007	0.005	KMH
Sodium	EPA 200.7	26.7	mg/L		09/21/2010	11:12	0.016	2.00	KMH
Vanadium	EPA 200.7	0.011	mg/L		09/21/2010	11:12	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/21/2010	11:12	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	15:36	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.960	mg/L		09/20/2010	14:25	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	448	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34310 Collection Date / Time: 09/20/2010 08:28								
Sample Point: Lena Road Monitoring Well GW-4								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	6.93	mg/L		09/22/2010 22:10	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.301	mg/L		09/21/2010 11:59	0.006	0.025	AMC

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:07	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	421	umhos/cm		09/20/2010	08:28	1		DWELLS
Field Dissolved Oxygen	FIELD	1.16	mg/L		09/20/2010	08:28	0.01		DWELLS
Field pH	FIELD	6.26	Std. units		09/20/2010	08:28	0.010		DWELLS
Field Temperature	FIELD	26.6	Degrees C		09/20/2010	08:28	0.01		DWELLS
Field Turbidity	FIELD	4.81	NTU		09/20/2010	08:28	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:20	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.018	mg/L		09/23/2010	11:21	0.0038	0.005	KMH
Barium	EPA 200.7	0.017	mg/L		09/23/2010	11:21	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00024	mg/L	I	09/23/2010	11:21	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0048	mg/L	I	09/23/2010	11:21	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0003	0.005	KMH
Copper	EPA 200.7	0.0028	mg/L	I	09/23/2010	11:21	0.0009	0.005	KMH
Iron	EPA 200.7	0.575	mg/L		09/23/2010	11:21	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0018	mg/L	I	09/23/2010	11:21	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0007	0.005	KMH
Sodium	EPA 200.7	6.47	mg/L		09/23/2010	11:21	0.016	2.00	KMH
Vanadium	EPA 200.7	0.020	mg/L		09/23/2010	11:21	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:21	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	15:47	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.196	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	294	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE34311 Collection Date / Time: 09/20/2010 08:59

Sample Point: Lena Road Monitoring Well GW-5

Sample Comment:

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	11.4	mg/L		09/22/2010 22:28	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.849	mg/L		09/21/2010 12:16	0.006	0.025	AMC

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.2		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 18:38	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	576	umhos/cm		09/20/2010	08:59	1		DWELLS
Field Dissolved Oxygen	FIELD	1.93	mg/L		09/20/2010	08:59	0.01		DWELLS
Field pH	FIELD	6.41	Std. units		09/20/2010	08:59	0.010		DWELLS
Field Temperature	FIELD	27.4	Degrees C		09/20/2010	08:59	0.01		DWELLS
Field Turbidity	FIELD	1.88	NTU		09/20/2010	08:59	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:22	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.006	mg/L		09/23/2010	11:25	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.018	mg/L		09/23/2010	11:25	0.0038	0.005	KMH
Barium	EPA 200.7	0.017	mg/L		09/23/2010	11:25	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:25	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:25	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0028	mg/L	I	09/23/2010	11:25	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0004	mg/L	I	09/23/2010	11:25	0.0003	0.005	KMH
Copper	EPA 200.7	0.0028	mg/L	I	09/23/2010	11:25	0.0009	0.005	KMH
Iron	EPA 200.7	0.336	mg/L		09/23/2010	11:25	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:25	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0014	mg/L	I	09/23/2010	11:25	0.0002	0.005	KMH
Selenium	EPA 200.7	0.0046	mg/L	I	09/23/2010	11:25	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:25	0.0007	0.005	KMH
Sodium	EPA 200.7	9.74	mg/L		09/23/2010	11:25	0.016	2.00	KMH
Vanadium	EPA 200.7	0.016	mg/L		09/23/2010	11:25	0.0005	0.005	KMH
Zinc	EPA 200.7	0.005	mg/L		09/23/2010	11:25	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	15:57	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.164	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	406	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34312 Collection Date / Time: 09/20/2010 09:28								
Sample Point: Lena Road Monitoring Well GW-6								
Sample Comment:								

Analysis Department: **ANIONS**

Chloride by Ion Chromatography	EPA 300.0	8.95	mg/L		09/22/2010 22:43	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.066	mg/L		09/21/2010 12:32	0.006	0.025	AMC

Analysis Department: **CONTRACT**

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:09	0.3		JRW

8011 Volatiles -Contract Lab

Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 18:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 18:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	1200	umhos/cm		09/20/2010	09:28	1		DWELLS
Field Dissolved Oxygen	FIELD	0.98	mg/L		09/20/2010	09:28	0.01		DWELLS
Field pH	FIELD	6.34	Std. units		09/20/2010	09:28	0.010		DWELLS
Field Temperature	FIELD	27.0	Degrees C		09/20/2010	09:28	0.01		DWELLS
Field Turbidity	FIELD	3.02	NTU		09/20/2010	09:28	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:25	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.005	mg/L		09/23/2010	11:29	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.034	mg/L		09/23/2010	11:29	0.0038	0.005	KMH
Barium	EPA 200.7	0.025	mg/L		09/23/2010	11:29	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:29	0.00004	0.005	KMH
Cadmium	EPA 200.7	0.0007	mg/L	I	09/23/2010	11:29	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0018	mg/L	I	09/23/2010	11:29	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.0003	mg/L	I	09/23/2010	11:29	0.0003	0.005	KMH
Copper	EPA 200.7	0.0022	mg/L	I	09/23/2010	11:29	0.0009	0.005	KMH
Iron	EPA 200.7	1.63	mg/L		09/23/2010	11:29	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:29	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0012	mg/L	I	09/23/2010	11:29	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:29	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:29	0.0007	0.005	KMH
Sodium	EPA 200.7	14.3	mg/L		09/23/2010	11:29	0.016	2.00	KMH
Vanadium	EPA 200.7	0.038	mg/L		09/23/2010	11:29	0.0005	0.005	KMH
Zinc	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:29	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	16:07	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.743	mg/L		09/23/2010	12:51	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	940	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE34313 Collection Date / Time: 09/20/2010 09:58

Sample Point: Lena Road Monitoring Well GW-7

Sample Comment:

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	25.3	mg/L		09/22/2010 22:59	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.033	mg/L		09/21/2010 12:48	0.006	0.025	AMC

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 19:40	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34314 Collection Date / Time: 09/20/2010 10:36								
Sample Point: Lena Road Monitoring Well GW-8								
Sample Comment:								

Analysis Department: ANIONS

Chloride by Ion Chromatography	EPA 300.0	22.0	mg/L		09/22/2010 23:15	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.025	mg/L		09/21/2010 13:05	0.006	0.025	AMC

Analysis Department: CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:11	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	584	umhos/cm		09/20/2010	10:36	1		DWELLS
Field Dissolved Oxygen	FIELD	1.45	mg/L		09/20/2010	10:36	0.01		DWELLS
Field pH	FIELD	6.43	Std. units		09/20/2010	10:36	0.010		DWELLS
Field Temperature	FIELD	28.1	Degrees C		09/20/2010	10:36	0.01		DWELLS
Field Turbidity	FIELD	2.68	NTU		09/20/2010	10:36	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:31	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.029	mg/L		09/23/2010	11:36	0.0038	0.005	KMH
Barium	EPA 200.7	0.049	mg/L		09/23/2010	11:36	0.0002	0.005	KMH
Beryllium	EPA 200.7	0.00030	mg/L	I	09/23/2010	11:36	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0004	0.005	KMH
Chromium	EPA 200.7	0.009	mg/L		09/23/2010	11:36	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0003	0.005	KMH
Copper	EPA 200.7	0.0017	mg/L	I	09/23/2010	11:36	0.0009	0.005	KMH
Iron	EPA 200.7	0.397	mg/L		09/23/2010	11:36	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0023	mg/L	I	09/23/2010	11:36	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	11:36	0.0007	0.005	KMH
Sodium	EPA 200.7	14.9	mg/L		09/23/2010	11:36	0.016	2.00	KMH
Vanadium	EPA 200.7	0.009	mg/L		09/23/2010	11:36	0.0005	0.005	KMH
Zinc	EPA 200.7	0.0034	mg/L	I	09/23/2010	11:36	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	<MDL	mg/L	U	10/04/2010	16:27	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.620	mg/L		09/23/2010	13:01	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	481	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE34315 Collection Date / Time: 09/20/2010 11:03								
Sample Point: Lena Road Monitoring Well GW-9								
Sample Comment:								

Analysis Department:

ANIONS

Chloride by Ion Chromatography	EPA 300.0	5.32	mg/L		09/22/2010 23:31	0.060	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.030	mg/L		09/21/2010 14:43	0.006	0.025	AMC

Analysis Department:

CONTRACT

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1,1,1,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,1,2,2-Tetrachloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,1-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,1-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,2-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,2-Dichloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
1,2-Dichloropropane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.06		JRW
1,4-Dichlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
2-Butanone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.6		JRW
Acetone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	1.9		JRW
Acrylonitrile	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	1.6		JRW
Benzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	001		JRW
Bromochloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.2		JRW
Bromodichloromethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Bromoform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Bromomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.6		JRW
Carbon disulfide	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Carbon tetrachloride	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.2		JRW
Chlorobenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.04		JRW
Chloroethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.4		JRW
Chloroform	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
cis-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.08		JRW
cis-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Ethylbenzene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Iodomethane	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.2		JRW
Methyl isobutyl ketone	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.4		JRW
Styrene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
Tetrachloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.2		JRW
Toluene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.1		JRW
trans-1,2-Dichloroethylene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.3		JRW
trans-1,3-Dichloropropene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.06		JRW
trans-1,4-Dichloro-2-butene	EPA 8260	<MDL	ug/L	C,U	09/24/2010 20:42	0.3		JRW

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Dibromochloropropane	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ
Ethylene Dibromide	EPA 8011	<MDL	ug/L	C,U	09/29/2010 16:20	0.005		BTJ

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
<u>Analysis Department:</u>		<u>FIELD</u>							
Field conductivity	FIELD	775	umhos/cm		09/20/2010	11:03	1		DWELLS
Field Dissolved Oxygen	FIELD	1.62	mg/L		09/20/2010	11:03	0.01		DWELLS
Field pH	FIELD	6.59	Std. units		09/20/2010	11:03	0.010		DWELLS
Field Temperature	FIELD	27.3	Degrees C		09/20/2010	11:03	0.01		DWELLS
Field Turbidity	FIELD	3.98	NTU		09/20/2010	11:03	0.02		DWELLS
<u>Analysis Department:</u>		<u>METALS</u>							
Mercury Cold Vapor	EPA 245.1	<MDL	ug/L	U	09/24/2010	10:41	0.068	0.100	IR
Metals by 200.7									
Antimony	EPA 200.7	0.0040	mg/L	I	09/23/2010	12:40	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.038	mg/L		09/23/2010	12:40	0.0038	0.005	KMH
Barium	EPA 200.7	0.021	mg/L		09/23/2010	12:40	0.0002	0.005	KMH
Beryllium	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.00004	0.005	KMH
Cadmium	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0004	0.005	KMH
Chromium	EPA 200.7	0.0008	mg/L	I	09/23/2010	12:40	0.0007	0.005	KMH
Cobalt	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0003	0.005	KMH
Copper	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0009	0.005	KMH
Iron	EPA 200.7	1.52	mg/L		09/23/2010	12:40	0.046	0.125	KMH
Lead	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0017	0.005	KMH
Nickel	EPA 200.7	0.0012	mg/L	I	09/23/2010	12:40	0.0002	0.005	KMH
Selenium	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0046	0.005	KMH
Silver	EPA 200.7	<MDL	mg/L	U	09/23/2010	12:40	0.0007	0.005	KMH
Sodium	EPA 200.7	7.90	mg/L		09/23/2010	12:40	0.016	2.00	KMH
Vanadium	EPA 200.7	0.009	mg/L		09/23/2010	12:40	0.0005	0.005	KMH
Zinc	EPA 200.7	0.006	mg/L		09/23/2010	12:40	0.0029	0.005	KMH
Thallium by GFAAS	EPA 279.2	0.0004	mg/L	I	10/04/2010	16:37	0.0003	0.002	IR
<u>Analysis Department:</u>		<u>NUTRIENTS</u>							
Ammonia	EPA 350.1	0.662	mg/L		09/23/2010	13:01	0.018	0.050	AMC
<u>Analysis Department:</u>		<u>SOLIDS</u>							
Total Dissolved Solids	SM 2540 C	481	mg/L		09/20/2010	13:10	10.0	10.0	AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316							
Samples AE34299 AE34308 AE34309									
Method Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/21/2010	10:23			KMH
Arsenic		<MDL	mg/L	U	09/21/2010	10:23			KMH
Barium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Beryllium		0.00006	mg/L	I	09/21/2010	10:23			KMH
Cadmium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Calcium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Chromium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Cobalt		<MDL	mg/L	U	09/21/2010	10:23			KMH
Copper		<MDL	mg/L	U	09/21/2010	10:23			KMH
Iron		<MDL	mg/L	U	09/21/2010	10:23			KMH
Lead		<MDL	mg/L	U	09/21/2010	10:23			KMH
Magnesium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Molybdenum		<MDL	mg/L	U	09/21/2010	10:23			KMH
Nickel		0.0003	mg/L	I	09/21/2010	10:23			KMH
Selenium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Silver		<MDL	mg/L	U	09/21/2010	10:23			KMH
Sodium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Thallium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Vanadium		<MDL	mg/L	U	09/21/2010	10:23			KMH
Zinc		<MDL	mg/L	U	09/21/2010	10:23			KMH
Int Calb Rec for Metals by 200.7									
Antimony		95.6	%		09/21/2010	09:36			KMH
Arsenic		95.8	%		09/21/2010	09:36			KMH
Barium		97.7	%		09/21/2010	09:36			KMH
Beryllium		97.2	%		09/21/2010	09:36			KMH
Cadmium		95.6	%		09/21/2010	09:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								
Int Calb Rec for Metals by 200.7								
Calcium		102	%		09/21/2010 09:36			KMH
Chromium		98.9	%		09/21/2010 09:36			KMH
Cobalt		99.0	%		09/21/2010 09:36			KMH
Copper		97.0	%		09/21/2010 09:36			KMH
Iron		99.2	%		09/21/2010 09:36			KMH
Lead		99.0	%		09/21/2010 09:36			KMH
Magnesium		100	%		09/21/2010 09:36			KMH
Molybdenum		98.2	%		09/21/2010 09:36			KMH
Nickel		98.0	%		09/21/2010 09:36			KMH
Selenium		101	%		09/21/2010 09:36			KMH
Silver		97.6	%		09/21/2010 09:36			KMH
Sodium		97.9	%		09/21/2010 09:36			KMH
Thallium		99.5	%		09/21/2010 09:36			KMH
Vanadium		98.8	%		09/21/2010 09:36			KMH
Zinc		97.3	%		09/21/2010 09:36			KMH
LCS Recovery for Metals by 200.7								
Antimony		103	%		09/21/2010 10:32			KMH
Arsenic		103	%		09/21/2010 10:32			KMH
Barium		103	%		09/21/2010 10:32			KMH
Beryllium		103	%		09/21/2010 10:32			KMH
Cadmium		101	%		09/21/2010 10:32			KMH
Calcium		106	%		09/21/2010 10:32			KMH
Chromium		105	%		09/21/2010 10:32			KMH
Cobalt		104	%		09/21/2010 10:32			KMH
Copper		101	%		09/21/2010 10:32			KMH
Iron		102	%		09/21/2010 10:32			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316							
Samples AE34299 AE34308 AE34309									
LCS Recovery for Metals by 200.7									
Lead		104	%		09/21/2010	10:32			KMH
Magnesium		104	%		09/21/2010	10:32			KMH
Molybdenum		102	%		09/21/2010	10:32			KMH
Nickel		104	%		09/21/2010	10:32			KMH
Selenium		102	%		09/21/2010	10:32			KMH
Silver		104	%		09/21/2010	10:32			KMH
Sodium		103	%		09/21/2010	10:32			KMH
Thallium		101	%		09/21/2010	10:32			KMH
Vanadium		105	%		09/21/2010	10:32			KMH
Zinc		105	%		09/21/2010	10:32			KMH
MS Result for Metals by 200.7									
Antimony		0.517	mg/L		09/21/2010	10:48			KMH
Arsenic		0.540	mg/L		09/21/2010	10:48			KMH
Barium		0.512	mg/L		09/21/2010	10:48			KMH
Beryllium		0.504	mg/L		09/21/2010	10:48			KMH
Cadmium		0.495	mg/L		09/21/2010	10:48			KMH
Calcium		84.2	mg/L		09/21/2010	10:48			KMH
Chromium		0.512	mg/L		09/21/2010	10:48			KMH
Cobalt		0.512	mg/L		09/21/2010	10:48			KMH
Copper		0.496	mg/L		09/21/2010	10:48			KMH
Iron		9.66	mg/L		09/21/2010	10:48			KMH
Lead		0.505	mg/L		09/21/2010	10:48			KMH
Magnesium		60.9	mg/L		09/21/2010	10:48			KMH
Molybdenum		0.507	mg/L		09/21/2010	10:48			KMH
Nickel		0.503	mg/L		09/21/2010	10:48			KMH
Selenium		0.510	mg/L		09/21/2010	10:48			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								

MS Result for Metals by 200.7

Silver	0.513	mg/L	09/21/2010	10:48	KMH
Sodium	136	mg/L	09/21/2010	10:48	KMH
Thallium	0.488	mg/L	09/21/2010	10:48	KMH
Vanadium	0.516	mg/L	09/21/2010	10:48	KMH
Zinc	0.511	mg/L	09/21/2010	10:48	KMH

MS Recovery for Metals by 200.7

Antimony	102	%	09/21/2010	10:40	KMH
Arsenic	105	%	09/21/2010	10:40	KMH
Barium	100	%	09/21/2010	10:40	KMH
Beryllium	101	%	09/21/2010	10:40	KMH
Cadmium	99.0	%	09/21/2010	10:40	KMH
Calcium	104	%	09/21/2010	10:40	KMH
Chromium	102	%	09/21/2010	10:40	KMH
Cobalt	102	%	09/21/2010	10:40	KMH
Copper	99.2	%	09/21/2010	10:40	KMH
Iron	98.1	%	09/21/2010	10:40	KMH
Lead	101	%	09/21/2010	10:40	KMH
Magnesium	102	%	09/21/2010	10:40	KMH
Molybdenum	101	%	09/21/2010	10:40	KMH
Nickel	100	%	09/21/2010	10:40	KMH
Selenium	102	%	09/21/2010	10:40	KMH
Silver	103	%	09/21/2010	10:40	KMH
Sodium	102	%	09/21/2010	10:40	KMH
Thallium	97.6	%	09/21/2010	10:40	KMH
Vanadium	103	%	09/21/2010	10:40	KMH
Zinc	101	%	09/21/2010	10:40	KMH

MS/MSD Precision for Metals by 200.7

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								

MS/MSD Precision for Metals by 200.7

Antimony		0.962	%		09/21/2010 10:48			KMH
Arsenic		1.65	%		09/21/2010 10:48			KMH
Barium		1.93	%		09/21/2010 10:48			KMH
Beryllium		0.987	%		09/21/2010 10:48			KMH
Cadmium		1.80	%		09/21/2010 10:48			KMH
Calcium		0.946	%		09/21/2010 10:48			KMH
Chromium		1.74	%		09/21/2010 10:48			KMH
Cobalt		0.972	%		09/21/2010 10:48			KMH
Copper		3.17	%		09/21/2010 10:48			KMH
Iron		1.44	%		09/21/2010 10:48			KMH
Lead		1.18	%		09/21/2010 10:48			KMH
Magnesium		0.980	%		09/21/2010 10:48			KMH
Molybdenum		0.981	%		09/21/2010 10:48			KMH
Nickel		1.58	%		09/21/2010 10:48			KMH
Selenium		2.32	%		09/21/2010 10:48			KMH
Silver		2.31	%		09/21/2010 10:48			KMH
Sodium		0.733	%		09/21/2010 10:48			KMH
Thallium		1.22	%		09/21/2010 10:48			KMH
Vanadium		2.30	%		09/21/2010 10:48			KMH
Zinc		2.32	%		09/21/2010 10:48			KMH

CCV Rec for Metals by 200.7

Antimony		105	%		09/21/2010 11:57			KMH
Arsenic		106	%		09/21/2010 11:57			KMH
Barium		103	%		09/21/2010 11:57			KMH
Beryllium		103	%		09/21/2010 11:57			KMH
Cadmium		101	%		09/21/2010 11:57			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316							
Samples	AE34299 AE34308 AE34309								
CCV Rec for Metals by 200.7									
Calcium		106	%		09/21/2010	11:57			KMH
Chromium		105	%		09/21/2010	11:57			KMH
Cobalt		106	%		09/21/2010	11:57			KMH
Copper		99.9	%		09/21/2010	11:57			KMH
Iron		99.2	%		09/21/2010	11:57			KMH
Lead		105	%		09/21/2010	11:57			KMH
Magnesium		105	%		09/21/2010	11:57			KMH
Molybdenum		103	%		09/21/2010	11:57			KMH
Nickel		104	%		09/21/2010	11:57			KMH
Selenium		106	%		09/21/2010	11:57			KMH
Silver		102	%		09/21/2010	11:57			KMH
Sodium		104	%		09/21/2010	11:57			KMH
Thallium		102	%		09/21/2010	11:57			KMH
Vanadium		106	%		09/21/2010	11:57			KMH
Zinc		107	%		09/21/2010	11:57			KMH
Cont Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/21/2010	11:37			KMH
Arsenic		<MDL	mg/L	U	09/21/2010	11:37			KMH
Barium		<MDL	mg/L	U	09/21/2010	11:37			KMH
Beryllium		0.00005	mg/L	I	09/21/2010	11:37			KMH
Cadmium		<MDL	mg/L	U	09/21/2010	11:37			KMH
Calcium		<MDL	mg/L	U	09/21/2010	11:37			KMH
Chromium		<MDL	mg/L	U	09/21/2010	11:37			KMH
Cobalt		<MDL	mg/L	U	09/21/2010	11:37			KMH
Copper		<MDL	mg/L	U	09/21/2010	11:37			KMH
Iron		<MDL	mg/L	U	09/21/2010	11:37			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	POL	Analyst
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Batch Name: SICPWATER-20027

QA Sample ID: AE34316

Samples AE34299 AE34308 AE34309

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 Dept. of Environmental Protection

Cont Blank for Metals by 200.7

Lead		<MDL	mg/L	U	09/21/2010 11:37			KMH
Magnesium		<MDL	mg/L	U	09/21/2010 11:37			KMH
Molybdenum		<MDL	mg/L	U	09/21/2010 11:37			KMH
Nickel		0.0002	mg/L	I	09/21/2010 11:37			KMH
Selenium		<MDL	mg/L	U	09/21/2010 11:37			KMH
Silver		<MDL	mg/L	U	09/21/2010 11:37			KMH
Sodium		0.035	mg/L	I	09/21/2010 11:37			KMH
Thallium		<MDL	mg/L	U	09/21/2010 11:37			KMH
Vanadium		<MDL	mg/L	U	09/21/2010 11:37			KMH
Zinc		<MDL	mg/L	U	09/21/2010 11:37			KMH

CCV for Metals by 200.7

Antimony		1.05	mg/L		09/21/2010 11:57			KMH
Arsenic		1.06	mg/L		09/21/2010 11:57			KMH
Barium		1.03	mg/L		09/21/2010 11:57			KMH
Beryllium		1.03	mg/L		09/21/2010 11:57			KMH
Cadmium		1.01	mg/L		09/21/2010 11:57			KMH
Calcium		106	mg/L		09/21/2010 11:57			KMH
Chromium		1.05	mg/L		09/21/2010 11:57			KMH
Cobalt		1.06	mg/L		09/21/2010 11:57			KMH
Copper		0.999	mg/L		09/21/2010 11:57			KMH
Iron		12.4	mg/L		09/21/2010 11:57			KMH
Lead		1.05	mg/L		09/21/2010 11:57			KMH
Magnesium		105	mg/L		09/21/2010 11:57			KMH
Molybdenum		1.03	mg/L		09/21/2010 11:57			KMH
Nickel		1.04	mg/L		09/21/2010 11:57			KMH
Selenium		1.06	mg/L		09/21/2010 11:57			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								

CCV for Metals by 200.7

Silver	0.510	mg/L	09/21/2010	11:57	KMH
Sodium	207	mg/L	09/21/2010	11:57	KMH
Thallium	1.02	mg/L	09/21/2010	11:57	KMH
Vanadium	1.06	mg/L	09/21/2010	11:57	KMH
Zinc	1.07	mg/L	09/21/2010	11:57	KMH

Initial Calibration for Metals by 200.7

Antimony	0.956	mg/L	09/21/2010	09:36	KMH
Arsenic	0.958	mg/L	09/21/2010	09:36	KMH
Barium	0.977	mg/L	09/21/2010	09:36	KMH
Beryllium	0.972	mg/L	09/21/2010	09:36	KMH
Cadmium	0.956	mg/L	09/21/2010	09:36	KMH
Calcium	51.0	mg/L	09/21/2010	09:36	KMH
Chromium	0.989	mg/L	09/21/2010	09:36	KMH
Cobalt	0.990	mg/L	09/21/2010	09:36	KMH
Copper	0.970	mg/L	09/21/2010	09:36	KMH
Iron	12.4	mg/L	09/21/2010	09:36	KMH
Lead	0.990	mg/L	09/21/2010	09:36	KMH
Magnesium	50.0	mg/L	09/21/2010	09:36	KMH
Molybdenum	0.982	mg/L	09/21/2010	09:36	KMH
Nickel	0.980	mg/L	09/21/2010	09:36	KMH
Selenium	1.01	mg/L	09/21/2010	09:36	KMH
Silver	0.244	mg/L	09/21/2010	09:36	KMH
Sodium	97.9	mg/L	09/21/2010	09:36	KMH
Thallium	0.995	mg/L	09/21/2010	09:36	KMH
Vanadium	0.988	mg/L	09/21/2010	09:36	KMH
Zinc	0.973	mg/L	09/21/2010	09:36	KMH

Metals by 200.7

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316							
Samples	AE34299 AE34308 AE34309								
Metals by 200.7									
Antimony		0.0047	mg/L	I	09/21/2010	10:40			KMH
Arsenic		0.016	mg/L		09/21/2010	10:40			KMH
Barium		0.011	mg/L		09/21/2010	10:40			KMH
Beryllium		0.00008	mg/L	I	09/21/2010	10:40			KMH
Cadmium		<MDL	mg/L	U	09/21/2010	10:40			KMH
Calcium		31.9	mg/L		09/21/2010	10:40			KMH
Chromium		0.0018	mg/L	I	09/21/2010	10:40			KMH
Cobalt		<MDL	mg/L	U	09/21/2010	10:40			KMH
Copper		<MDL	mg/L	U	09/21/2010	10:40			KMH
Iron		3.04	mg/L		09/21/2010	10:40			KMH
Lead		<MDL	mg/L	U	09/21/2010	10:40			KMH
Magnesium		9.58	mg/L		09/21/2010	10:40			KMH
Molybdenum		<MDL	mg/L	U	09/21/2010	10:40			KMH
Nickel		0.0014	mg/L	I	09/21/2010	10:40			KMH
Selenium		<MDL	mg/L	U	09/21/2010	10:40			KMH
Silver		<MDL	mg/L	U	09/21/2010	10:40			KMH
Sodium		33.8	mg/L		09/21/2010	10:40			KMH
Thallium		<MDL	mg/L	U	09/21/2010	10:40			KMH
Vanadium		0.0023	mg/L	I	09/21/2010	10:40			KMH
Zinc		0.008	mg/L		09/21/2010	10:40			KMH
LCS for Metals by 200.7									
Antimony		0.515	mg/L		09/21/2010	10:32			KMH
Arsenic		0.515	mg/L		09/21/2010	10:32			KMH
Barium		0.516	mg/L		09/21/2010	10:32			KMH
Beryllium		0.514	mg/L		09/21/2010	10:32			KMH
Cadmium		0.505	mg/L		09/21/2010	10:32			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								
LCS for Metals by 200.7								
Calcium		11.1	mg/L		09/21/2010 10:32			KMH
Chromium		0.523	mg/L		09/21/2010 10:32			KMH
Cobalt		0.522	mg/L		09/21/2010 10:32			KMH
Copper		0.505	mg/L		09/21/2010 10:32			KMH
Iron		10.7	mg/L		09/21/2010 10:32			KMH
Lead		0.522	mg/L		09/21/2010 10:32			KMH
Magnesium		10.9	mg/L		09/21/2010 10:32			KMH
Molybdenum		0.509	mg/L		09/21/2010 10:32			KMH
Nickel		0.519	mg/L		09/21/2010 10:32			KMH
Selenium		0.512	mg/L		09/21/2010 10:32			KMH
Silver		0.520	mg/L		09/21/2010 10:32			KMH
Sodium		10.8	mg/L		09/21/2010 10:32			KMH
Thallium		0.507	mg/L		09/21/2010 10:32			KMH
Vanadium		0.527	mg/L		09/21/2010 10:32			KMH
Zinc		0.525	mg/L		09/21/2010 10:32			KMH
MSD Recovery for Metals by 200.7								
Antimony		103	%		09/21/2010 10:40			KMH
Arsenic		107	%		09/21/2010 10:40			KMH
Barium		102	%		09/21/2010 10:40			KMH
Beryllium		102	%		09/21/2010 10:40			KMH
Cadmium		101	%		09/21/2010 10:40			KMH
Calcium		105	%		09/21/2010 10:40			KMH
Chromium		104	%		09/21/2010 10:40			KMH
Cobalt		103	%		09/21/2010 10:40			KMH
Copper		102	%		09/21/2010 10:40			KMH
Iron		100	%		09/21/2010 10:40			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316						
Samples AE34299 AE34308 AE34309								

MSD Recovery for Metals by 200.7

Lead	102	%		09/21/2010 10:40	KMH
Magnesium	103	%		09/21/2010 10:40	KMH
Molybdenum	102	%		09/21/2010 10:40	KMH
Nickel	102	%		09/21/2010 10:40	KMH
Selenium	104	%		09/21/2010 10:40	KMH
Silver	105	%		09/21/2010 10:40	KMH
Sodium	103	%		09/21/2010 10:40	KMH
Thallium	98.8	%		09/21/2010 10:40	KMH
Vanadium	105	%		09/21/2010 10:40	KMH
Zinc	103	%		09/21/2010 10:40	KMH

MSD Result for Metals by 200.7

Antimony	0.522	mg/L		09/21/2010 10:52	KMH
Arsenic	0.549	mg/L		09/21/2010 10:52	KMH
Barium	0.522	mg/L		09/21/2010 10:52	KMH
Beryllium	0.509	mg/L		09/21/2010 10:52	KMH
Cadmium	0.504	mg/L		09/21/2010 10:52	KMH
Calcium	85.0	mg/L		09/21/2010 10:52	KMH
Chromium	0.521	mg/L		09/21/2010 10:52	KMH
Cobalt	0.517	mg/L		09/21/2010 10:52	KMH
Copper	0.512	mg/L		09/21/2010 10:52	KMH
Iron	9.80	mg/L		09/21/2010 10:52	KMH
Lead	0.511	mg/L		09/21/2010 10:52	KMH
Magnesium	61.5	mg/L		09/21/2010 10:52	KMH
Molybdenum	0.512	mg/L		09/21/2010 10:52	KMH
Nickel	0.511	mg/L		09/21/2010 10:52	KMH
Selenium	0.522	mg/L		09/21/2010 10:52	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20027		QA Sample ID: AE34316							
Samples AE34299 AE34308 AE34309									
MSD Result for Metals by 200.7									
Silver		0.525	mg/L		09/21/2010	10:52			KMH
Sodium		137	mg/L		09/21/2010	10:52			KMH
Thallium		0.494	mg/L		09/21/2010	10:52			KMH
Vanadium		0.528	mg/L		09/21/2010	10:52			KMH
Zinc		0.523	mg/L		09/21/2010	10:52			KMH
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314									
Method Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/23/2010	10:27			KMH
Arsenic		<MDL	mg/L	U	09/23/2010	10:27			KMH
Barium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Beryllium		0.00005	mg/L	I	09/23/2010	10:27			KMH
Cadmium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Chromium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Cobalt		<MDL	mg/L	U	09/23/2010	10:27			KMH
Copper		<MDL	mg/L	U	09/23/2010	10:27			KMH
Iron		<MDL	mg/L	U	09/23/2010	10:27			KMH
Lead		<MDL	mg/L	U	09/23/2010	10:27			KMH
Nickel		<MDL	mg/L	U	09/23/2010	10:27			KMH
Selenium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Silver		<MDL	mg/L	U	09/23/2010	10:27			KMH
Sodium		0.025	mg/L	I	09/23/2010	10:27			KMH
Vanadium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Zinc		<MDL	mg/L	U	09/23/2010	10:27			KMH
Int Calb Rec for Metals by 200.7									
Antimony		98.8	%		09/23/2010	09:36			KMH
Arsenic		97.3	%		09/23/2010	09:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300						
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314							

Int Calb Rec for Metals by 200.7

Barium		97.8	%		09/23/2010	09:36			KMH
Beryllium		98.7	%		09/23/2010	09:36			KMH
Cadmium		95.7	%		09/23/2010	09:36			KMH
Chromium		99.2	%		09/23/2010	09:36			KMH
Cobalt		99.0	%		09/23/2010	09:36			KMH
Copper		97.2	%		09/23/2010	09:36			KMH
Iron		97.6	%		09/23/2010	09:36			KMH
Lead		101	%		09/23/2010	09:36			KMH
Nickel		98.0	%		09/23/2010	09:36			KMH
Selenium		103	%		09/23/2010	09:36			KMH
Silver		96.0	%		09/23/2010	09:36			KMH
Sodium		98.4	%		09/23/2010	09:36			KMH
Vanadium		99.3	%		09/23/2010	09:36			KMH
Zinc		97.2	%		09/23/2010	09:36			KMH

LCS Recovery for Metals by 200.7

Antimony		105	%		09/23/2010	10:35			KMH
Arsenic		104	%		09/23/2010	10:35			KMH
Barium		104	%		09/23/2010	10:35			KMH
Beryllium		104	%		09/23/2010	10:35			KMH
Cadmium		102	%		09/23/2010	10:35			KMH
Chromium		105	%		09/23/2010	10:35			KMH
Cobalt		105	%		09/23/2010	10:35			KMH
Copper		102	%		09/23/2010	10:35			KMH
Iron		99.0	%		09/23/2010	10:35			KMH
Lead		105	%		09/23/2010	10:35			KMH
Nickel		104	%		09/23/2010	10:35			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								
LCS Recovery for Metals by 200.7									
Selenium		104	%			09/23/2010 10:35			KMH
Silver		101	%			09/23/2010 10:35			KMH
Sodium		104	%			09/23/2010 10:35			KMH
Vanadium		106	%			09/23/2010 10:35			KMH
Zinc		105	%			09/23/2010 10:35			KMH
MS Result for Metals by 200.7									
Antimony		0.526	mg/L			09/23/2010 10:52			KMH
Arsenic		0.563	mg/L			09/23/2010 10:52			KMH
Barium		0.534	mg/L			09/23/2010 10:52			KMH
Beryllium		0.512	mg/L			09/23/2010 10:52			KMH
Cadmium		0.499	mg/L			09/23/2010 10:52			KMH
Chromium		0.522	mg/L			09/23/2010 10:52			KMH
Cobalt		0.515	mg/L			09/23/2010 10:52			KMH
Copper		0.512	mg/L			09/23/2010 10:52			KMH
Iron		8.35	mg/L			09/23/2010 10:52			KMH
Lead		0.506	mg/L			09/23/2010 10:52			KMH
Nickel		0.507	mg/L			09/23/2010 10:52			KMH
Selenium		0.515	mg/L			09/23/2010 10:52			KMH
Silver		0.510	mg/L			09/23/2010 10:52			KMH
Sodium		110	mg/L			09/23/2010 10:52			KMH
Vanadium		0.531	mg/L			09/23/2010 10:52			KMH
Zinc		0.535	mg/L			09/23/2010 10:52			KMH
MS Recovery for Metals by 200.7									
Antimony		105	%			09/23/2010 10:44			KMH
Arsenic		104	%			09/23/2010 10:44			KMH
Barium		102	%			09/23/2010 10:44			KMH
Beryllium		102	%			09/23/2010 10:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300						
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314							

MS Recovery for Metals by 200.7

Cadmium		99.8	%		09/23/2010	10:44				KMH
Chromium		104	%		09/23/2010	10:44				KMH
Cobalt		103	%		09/23/2010	10:44				KMH
Copper		101	%		09/23/2010	10:44				KMH
Iron		95.4	%		09/23/2010	10:44				KMH
Lead		101	%		09/23/2010	10:44				KMH
Nickel		101	%		09/23/2010	10:44				KMH
Selenium		103	%		09/23/2010	10:44				KMH
Silver		102	%		09/23/2010	10:44				KMH
Sodium		102	%		09/23/2010	10:44				KMH
Vanadium		106	%		09/23/2010	10:44				KMH
Zinc		101	%		09/23/2010	10:44				KMH

MS/MSD Precision for Metals by 200.7

Antimony		0.758	%		09/23/2010	10:52				KMH
Arsenic		1.41	%		09/23/2010	10:52				KMH
Barium		0.374	%		09/23/2010	10:52				KMH
Beryllium		0.390	%		09/23/2010	10:52				KMH
Cadmium		0.400	%		09/23/2010	10:52				KMH
Chromium		0.382	%		09/23/2010	10:52				KMH
Cobalt		0.194	%		09/23/2010	10:52				KMH
Copper		0.390	%		09/23/2010	10:52				KMH
Iron		0.120	%		09/23/2010	10:52				KMH
Lead		0.787	%		09/23/2010	10:52				KMH
Nickel		0.394	%		09/23/2010	10:52				KMH
Selenium		1.54	%		09/23/2010	10:52				KMH
Silver		0.391	%		09/23/2010	10:52				KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								
MS/MSD Precision for Metals by 200.7									
Sodium		0.905	%		09/23/2010	10:52			KMH
Vanadium		0.188	%		09/23/2010	10:52			KMH
Zinc		0.745	%		09/23/2010	10:52			KMH
CCV Rec for Metals by 200.7									
Antimony		108	%		09/23/2010	11:43			KMH
Arsenic		109	%		09/23/2010	11:43			KMH
Barium		105	%		09/23/2010	11:43			KMH
Beryllium		106	%		09/23/2010	11:43			KMH
Cadmium		103	%		09/23/2010	11:43			KMH
Chromium		108	%		09/23/2010	11:43			KMH
Cobalt		108	%		09/23/2010	11:43			KMH
Copper		102	%		09/23/2010	11:43			KMH
Iron		96.0	%		09/23/2010	11:43			KMH
Lead		108	%		09/23/2010	11:43			KMH
Nickel		106	%		09/23/2010	11:43			KMH
Selenium		108	%		09/23/2010	11:43			KMH
Silver		100	%		09/23/2010	11:43			KMH
Sodium		106	%		09/23/2010	11:43			KMH
Vanadium		108	%		09/23/2010	11:43			KMH
Zinc		108	%		09/23/2010	11:43			KMH
Cont Blank for Metals by 200.7									
Antimony		0.0043	mg/L	I	09/23/2010	12:01			KMH
Arsenic		<MDL	mg/L	U	09/23/2010	12:01			KMH
Barium		<MDL	mg/L	U	09/23/2010	12:01			KMH
Beryllium		<MDL	mg/L	U	09/23/2010	12:01			KMH
Cadmium		<MDL	mg/L	U	09/23/2010	12:01			KMH
Chromium		<MDL	mg/L	U	09/23/2010	12:01			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								

Cont Blank for Metals by 200.7

Cobalt		<MDL	mg/L	U	09/23/2010	12:01			KMH
Copper		<MDL	mg/L	U	09/23/2010	12:01			KMH
Iron		<MDL	mg/L	U	09/23/2010	12:01			KMH
Lead		<MDL	mg/L	U	09/23/2010	12:01			KMH
Nickel		0.0004	mg/L	I	09/23/2010	12:01			KMH
Selenium		<MDL	mg/L	U	09/23/2010	12:01			KMH
Silver		<MDL	mg/L	U	09/23/2010	12:01			KMH
Sodium		0.068	mg/L	I	09/23/2010	12:01			KMH
Vanadium		<MDL	mg/L	U	09/23/2010	12:01			KMH
Zinc		<MDL	mg/L	U	09/23/2010	12:01			KMH

CCV for Metals by 200.7

Antimony		1.08	mg/L		09/23/2010	11:43			KMH
Arsenic		1.09	mg/L		09/23/2010	11:43			KMH
Barium		1.05	mg/L		09/23/2010	11:43			KMH
Beryllium		1.06	mg/L		09/23/2010	11:43			KMH
Cadmium		1.03	mg/L		09/23/2010	11:43			KMH
Chromium		1.08	mg/L		09/23/2010	11:43			KMH
Cobalt		1.08	mg/L		09/23/2010	11:43			KMH
Copper		1.02	mg/L		09/23/2010	11:43			KMH
Iron		12.0	mg/L		09/23/2010	11:43			KMH
Lead		1.08	mg/L		09/23/2010	11:43			KMH
Nickel		1.06	mg/L		09/23/2010	11:43			KMH
Selenium		1.08	mg/L		09/23/2010	11:43			KMH
Silver		0.502	mg/L		09/23/2010	11:43			KMH
Sodium		213	mg/L		09/23/2010	11:43			KMH
Vanadium		1.08	mg/L		09/23/2010	11:43			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314									
CCV for Metals by 200.7									
Zinc		1.08	mg/L		09/23/2010	11:43			KMH
Initial Calibration for Metals by 200.7									
Antimony		0.988	mg/L		09/23/2010	09:36			KMH
Arsenic		0.973	mg/L		09/23/2010	09:36			KMH
Barium		0.978	mg/L		09/23/2010	09:36			KMH
Beryllium		0.987	mg/L		09/23/2010	09:36			KMH
Cadmium		0.957	mg/L		09/23/2010	09:36			KMH
Chromium		0.992	mg/L		09/23/2010	09:36			KMH
Cobalt		0.990	mg/L		09/23/2010	09:36			KMH
Copper		0.972	mg/L		09/23/2010	09:36			KMH
Iron		12.2	mg/L		09/23/2010	09:36			KMH
Lead		1.01	mg/L		09/23/2010	09:36			KMH
Nickel		0.980	mg/L		09/23/2010	09:36			KMH
Selenium		1.03	mg/L		09/23/2010	09:36			KMH
Silver		0.240	mg/L		09/23/2010	09:36			KMH
Sodium		98.4	mg/L		09/23/2010	09:36			KMH
Vanadium		0.993	mg/L		09/23/2010	09:36			KMH
Zinc		0.972	mg/L		09/23/2010	09:36			KMH
Metals by 200.7									
Antimony		<MDL	mg/L	U	09/23/2010	10:44			KMH
Arsenic		0.042	mg/L		09/23/2010	10:44			KMH
Barium		0.024	mg/L		09/23/2010	10:44			KMH
Beryllium		0.00004	mg/L	I	09/23/2010	10:44			KMH
Cadmium		<MDL	mg/L	U	09/23/2010	10:44			KMH
Chromium		0.0018	mg/L	I	09/23/2010	10:44			KMH
Cobalt		<MDL	mg/L	U	09/23/2010	10:44			KMH
Copper		0.006	mg/L		09/23/2010	10:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								
Metals by 200.7									
Iron		1.91	mg/L		09/23/2010	10:44			KMH
Lead		<MDL	mg/L	U	09/23/2010	10:44			KMH
Nickel		0.0022	mg/L	I	09/23/2010	10:44			KMH
Selenium		<MDL	mg/L	U	09/23/2010	10:44			KMH
Silver		0.0008	mg/L	I	09/23/2010	10:44			KMH
Sodium		7.15	mg/L		09/23/2010	10:44			KMH
Vanadium		0.0033	mg/L	I	09/23/2010	10:44			KMH
Zinc		0.030	mg/L		09/23/2010	10:44			KMH
LCS for Metals by 200.7									
Antimony		0.523	mg/L		09/23/2010	10:35			KMH
Arsenic		0.518	mg/L		09/23/2010	10:35			KMH
Barium		0.521	mg/L		09/23/2010	10:35			KMH
Beryllium		0.522	mg/L		09/23/2010	10:35			KMH
Cadmium		0.508	mg/L		09/23/2010	10:35			KMH
Chromium		0.527	mg/L		09/23/2010	10:35			KMH
Cobalt		0.526	mg/L		09/23/2010	10:35			KMH
Copper		0.508	mg/L		09/23/2010	10:35			KMH
Iron		10.4	mg/L		09/23/2010	10:35			KMH
Lead		0.525	mg/L		09/23/2010	10:35			KMH
Nickel		0.522	mg/L		09/23/2010	10:35			KMH
Selenium		0.518	mg/L		09/23/2010	10:35			KMH
Silver		0.507	mg/L		09/23/2010	10:35			KMH
Sodium		10.9	mg/L		09/23/2010	10:35			KMH
Vanadium		0.532	mg/L		09/23/2010	10:35			KMH
Zinc		0.527	mg/L		09/23/2010	10:35			KMH
MSD Recovery for Metals by 200.7									
Antimony		106	%		09/23/2010	10:44			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300						
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314							

MSD Recovery for Metals by 200.7

Arsenic		106	%		09/23/2010	10:44		KMH
Barium		102	%		09/23/2010	10:44		KMH
Beryllium		103	%		09/23/2010	10:44		KMH
Cadmium		100	%		09/23/2010	10:44		KMH
Chromium		104	%		09/23/2010	10:44		KMH
Cobalt		103	%		09/23/2010	10:44		KMH
Copper		102	%		09/23/2010	10:44		KMH
Iron		95.2	%		09/23/2010	10:44		KMH
Lead		102	%		09/23/2010	10:44		KMH
Nickel		101	%		09/23/2010	10:44		KMH
Selenium		105	%		09/23/2010	10:44		KMH
Silver		102	%		09/23/2010	10:44		KMH
Sodium		103	%		09/23/2010	10:44		KMH
Vanadium		106	%		09/23/2010	10:44		KMH
Zinc		102	%		09/23/2010	10:44		KMH

MSD Result for Metals by 200.7

Antimony		0.530	mg/L		09/23/2010	10:56		KMH
Arsenic		0.571	mg/L		09/23/2010	10:56		KMH
Barium		0.536	mg/L		09/23/2010	10:56		KMH
Beryllium		0.514	mg/L		09/23/2010	10:56		KMH
Cadmium		0.501	mg/L		09/23/2010	10:56		KMH
Chromium		0.524	mg/L		09/23/2010	10:56		KMH
Cobalt		0.516	mg/L		09/23/2010	10:56		KMH
Copper		0.514	mg/L		09/23/2010	10:56		KMH
Iron		8.34	mg/L		09/23/2010	10:56		KMH
Lead		0.510	mg/L		09/23/2010	10:56		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20052		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								
MSD Result for Metals by 200.7									
Nickel		0.509	mg/L		09/23/2010	10:56			KMH
Selenium		0.523	mg/L		09/23/2010	10:56			KMH
Silver		0.512	mg/L		09/23/2010	10:56			KMH
Sodium		111	mg/L		09/23/2010	10:56			KMH
Vanadium		0.532	mg/L		09/23/2010	10:56			KMH
Zinc		0.539	mg/L		09/23/2010	10:56			KMH
Batch Name: SICPWATER-20053		QA Sample ID: AE34315							
Samples	AE34315								
Method Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/23/2010	10:27			KMH
Arsenic		<MDL	mg/L	U	09/23/2010	10:27			KMH
Barium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Beryllium		0.00005	mg/L	I	09/23/2010	10:27			KMH
Cadmium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Chromium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Cobalt		<MDL	mg/L	U	09/23/2010	10:27			KMH
Copper		<MDL	mg/L	U	09/23/2010	10:27			KMH
Iron		<MDL	mg/L	U	09/23/2010	10:27			KMH
Lead		<MDL	mg/L	U	09/23/2010	10:27			KMH
Nickel		<MDL	mg/L	U	09/23/2010	10:27			KMH
Selenium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Silver		<MDL	mg/L	U	09/23/2010	10:27			KMH
Sodium		0.025	mg/L	I	09/23/2010	10:27			KMH
Vanadium		<MDL	mg/L	U	09/23/2010	10:27			KMH
Zinc		<MDL	mg/L	U	09/23/2010	10:27			KMH
Int Calb Rec for Metals by 200.7									
Antimony		98.8	%		09/23/2010	09:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20053		QA Sample ID: AE34315						
Samples AE34315								
Int Calb Rec for Metals by 200.7								
Arsenic		97.3	%		09/23/2010 09:36			KMH
Barium		97.8	%		09/23/2010 09:36			KMH
Beryllium		98.7	%		09/23/2010 09:36			KMH
Cadmium		95.7	%		09/23/2010 09:36			KMH
Chromium		99.2	%		09/23/2010 09:36			KMH
Cobalt		99.0	%		09/23/2010 09:36			KMH
Copper		97.2	%		09/23/2010 09:36			KMH
Iron		97.6	%		09/23/2010 09:36			KMH
Lead		101	%		09/23/2010 09:36			KMH
Nickel		98.0	%		09/23/2010 09:36			KMH
Selenium		103	%		09/23/2010 09:36			KMH
Silver		96.0	%		09/23/2010 09:36			KMH
Sodium		98.4	%		09/23/2010 09:36			KMH
Vanadium		99.3	%		09/23/2010 09:36			KMH
Zinc		97.2	%		09/23/2010 09:36			KMH
LCS Recovery for Metals by 200.7								
Antimony		105	%		09/23/2010 10:35			KMH
Arsenic		104	%		09/23/2010 10:35			KMH
Barium		104	%		09/23/2010 10:35			KMH
Beryllium		104	%		09/23/2010 10:35			KMH
Cadmium		102	%		09/23/2010 10:35			KMH
Chromium		105	%		09/23/2010 10:35			KMH
Cobalt		105	%		09/23/2010 10:35			KMH
Copper		102	%		09/23/2010 10:35			KMH
Iron		99.0	%		09/23/2010 10:35			KMH
Lead		105	%		09/23/2010 10:35			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20053		QA Sample ID: AE34315						
Samples AE34315								
LCS Recovery for Metals by 200.7								
Nickel		104	%		09/23/2010 10:35			KMH
Selenium		104	%		09/23/2010 10:35			KMH
Silver		101	%		09/23/2010 10:35			KMH
Sodium		104	%		09/23/2010 10:35			KMH
Vanadium		106	%		09/23/2010 10:35			KMH
Zinc		105	%		09/23/2010 10:35			KMH
MS Result for Metals by 200.7								
Antimony		0.550	mg/L		09/23/2010 12:47			KMH
Arsenic		0.586	mg/L		09/23/2010 12:47			KMH
Barium		0.544	mg/L		09/23/2010 12:47			KMH
Beryllium		0.525	mg/L		09/23/2010 12:47			KMH
Cadmium		0.512	mg/L		09/23/2010 12:47			KMH
Chromium		0.540	mg/L		09/23/2010 12:47			KMH
Cobalt		0.534	mg/L		09/23/2010 12:47			KMH
Copper		0.517	mg/L		09/23/2010 12:47			KMH
Iron		8.00	mg/L		09/23/2010 12:47			KMH
Lead		0.526	mg/L		09/23/2010 12:47			KMH
Nickel		0.521	mg/L		09/23/2010 12:47			KMH
Selenium		0.543	mg/L		09/23/2010 12:47			KMH
Silver		0.524	mg/L		09/23/2010 12:47			KMH
Sodium		116	mg/L		09/23/2010 12:47			KMH
Vanadium		0.555	mg/L		09/23/2010 12:47			KMH
Zinc		0.534	mg/L		09/23/2010 12:47			KMH
MS Recovery for Metals by 200.7								
Antimony		109	%		09/23/2010 12:40			KMH
Arsenic		110	%		09/23/2010 12:40			KMH
Barium		105	%		09/23/2010 12:40			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20053		QA Sample ID: AE34315							
Samples AE34315									
Metals by 200.7									
Copper		<MDL	mg/L	U	09/23/2010	12:40			KMH
Iron		1.52	mg/L		09/23/2010	12:40			KMH
Lead		<MDL	mg/L	U	09/23/2010	12:40			KMH
Nickel		0.0012	mg/L	I	09/23/2010	12:40			KMH
Selenium		<MDL	mg/L	U	09/23/2010	12:40			KMH
Silver		<MDL	mg/L	U	09/23/2010	12:40			KMH
Sodium		7.90	mg/L		09/23/2010	12:40			KMH
Vanadium		0.009	mg/L		09/23/2010	12:40			KMH
Zinc		0.006	mg/L		09/23/2010	12:40			KMH
LCS for Metals by 200.7									
Antimony		0.523	mg/L		09/23/2010	10:35			KMH
Arsenic		0.518	mg/L		09/23/2010	10:35			KMH
Barium		0.521	mg/L		09/23/2010	10:35			KMH
Beryllium		0.522	mg/L		09/23/2010	10:35			KMH
Cadmium		0.508	mg/L		09/23/2010	10:35			KMH
Chromium		0.527	mg/L		09/23/2010	10:35			KMH
Cobalt		0.526	mg/L		09/23/2010	10:35			KMH
Copper		0.508	mg/L		09/23/2010	10:35			KMH
Iron		10.4	mg/L		09/23/2010	10:35			KMH
Lead		0.525	mg/L		09/23/2010	10:35			KMH
Nickel		0.522	mg/L		09/23/2010	10:35			KMH
Selenium		0.518	mg/L		09/23/2010	10:35			KMH
Silver		0.507	mg/L		09/23/2010	10:35			KMH
Sodium		10.9	mg/L		09/23/2010	10:35			KMH
Vanadium		0.532	mg/L		09/23/2010	10:35			KMH
Zinc		0.527	mg/L		09/23/2010	10:35			KMH

MSD Recovery for Metals by 200.7

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20053		QA Sample ID: AE34315						
Samples AE34315								

MSD Recovery for Metals by 200.7

Antimony		108	%		09/23/2010 12:52			KMH
Arsenic		108	%		09/23/2010 12:52			KMH
Barium		104	%		09/23/2010 12:52			KMH
Beryllium		104	%		09/23/2010 12:52			KMH
Cadmium		101	%		09/23/2010 12:52			KMH
Chromium		107	%		09/23/2010 12:52			KMH
Cobalt		106	%		09/23/2010 12:52			KMH
Copper		102	%		09/23/2010 12:52			KMH
Iron		94.5	%		09/23/2010 12:52			KMH
Lead		104	%		09/23/2010 12:52			KMH
Nickel		103	%		09/23/2010 12:52			KMH
Selenium		107	%		09/23/2010 12:52			KMH
Silver		104	%		09/23/2010 12:52			KMH
Sodium		106	%		09/23/2010 12:52			KMH
Vanadium		108	%		09/23/2010 12:52			KMH
Zinc		106	%		09/23/2010 12:52			KMH

MSD Result for Metals by 200.7

Antimony		0.544	mg/L		09/23/2010 12:52			KMH
Arsenic		0.576	mg/L		09/23/2010 12:52			KMH
Barium		0.540	mg/L		09/23/2010 12:52			KMH
Beryllium		0.522	mg/L		09/23/2010 12:52			KMH
Cadmium		0.507	mg/L		09/23/2010 12:52			KMH
Chromium		0.535	mg/L		09/23/2010 12:52			KMH
Cobalt		0.530	mg/L		09/23/2010 12:52			KMH
Copper		0.512	mg/L		09/23/2010 12:52			KMH
Iron		7.90	mg/L		09/23/2010 12:52			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20053		QA Sample ID: AE34315							
Samples AE34315									
MSD Result for Metals by 200.7									
Lead		0.519	mg/L		09/23/2010	12:52			KMH
Nickel		0.518	mg/L		09/23/2010	12:52			KMH
Selenium		0.534	mg/L		09/23/2010	12:52			KMH
Silver		0.519	mg/L		09/23/2010	12:52			KMH
Sodium		114	mg/L		09/23/2010	12:52			KMH
Vanadium		0.550	mg/L		09/23/2010	12:52			KMH
Zinc		0.535	mg/L		09/23/2010	12:52			KMH
Batch Name: SICPWATER-20093		QA Sample ID: AE34961							
Samples AE34305 AE34306 AE34307									
Method Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/28/2010	11:57			KMH
Arsenic		<MDL	mg/L	U	09/28/2010	11:57			KMH
Barium		<MDL	mg/L	U	09/28/2010	11:57			KMH
Beryllium		0.00010	mg/L	I	09/28/2010	11:57			KMH
Cadmium		<MDL	mg/L	U	09/28/2010	11:57			KMH
Chromium		<MDL	mg/L	U	09/28/2010	11:57			KMH
Cobalt		<MDL	mg/L	U	09/28/2010	11:57			KMH
Copper		0.0010	mg/L	I	09/28/2010	11:57			KMH
Iron		<MDL	mg/L	U	09/28/2010	11:57			KMH
Lead		<MDL	mg/L	U	09/28/2010	11:57			KMH
Nickel		0.0005	mg/L	I	09/28/2010	11:57			KMH
Selenium		<MDL	mg/L	U	09/28/2010	11:57			KMH
Silver		<MDL	mg/L	U	09/28/2010	11:57			KMH
Sodium		0.020	mg/L	I	09/28/2010	11:57			KMH
Thallium		<MDL	mg/L	U	09/28/2010	11:57			KMH
Vanadium		<MDL	mg/L	U	09/28/2010	11:57			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961							
Samples	AE34305 AE34306 AE34307								
Method Blank for Metals by 200.7									
Zinc		<MDL	mg/L	U	09/28/2010	11:57			KMH
Int Calb Rec for Metals by 200.7									
Antimony		98.3	%		09/28/2010	11:04			KMH
Arsenic		97.2	%		09/28/2010	11:04			KMH
Barium		99.3	%		09/28/2010	11:04			KMH
Beryllium		99.5	%		09/28/2010	11:04			KMH
Cadmium		97.8	%		09/28/2010	11:04			KMH
Chromium		101	%		09/28/2010	11:04			KMH
Cobalt		101	%		09/28/2010	11:04			KMH
Copper		98.3	%		09/28/2010	11:04			KMH
Iron		99.2	%		09/28/2010	11:04			KMH
Lead		101	%		09/28/2010	11:04			KMH
Nickel		100	%		09/28/2010	11:04			KMH
Selenium		103	%		09/28/2010	11:04			KMH
Silver		103	%		09/28/2010	11:04			KMH
Sodium		99.0	%		09/28/2010	11:04			KMH
Thallium		102	%		09/28/2010	11:04			KMH
Vanadium		100	%		09/28/2010	11:04			KMH
Zinc		99.1	%		09/28/2010	11:04			KMH
LCS Recovery for Metals by 200.7									
Antimony		104	%		09/28/2010	12:05			KMH
Arsenic		104	%		09/28/2010	12:05			KMH
Barium		103	%		09/28/2010	12:05			KMH
Beryllium		103	%		09/28/2010	12:05			KMH
Cadmium		102	%		09/28/2010	12:05			KMH
Chromium		105	%		09/28/2010	12:05			KMH
Cobalt		106	%		09/28/2010	12:05			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961						
Samples	AE34305 AE34306 AE34307							
LCS Recovery for Metals by 200.7								
Copper		99.8	%		09/28/2010 12:05			KMH
Iron		100	%		09/28/2010 12:05			KMH
Lead		105	%		09/28/2010 12:05			KMH
Nickel		105	%		09/28/2010 12:05			KMH
Selenium		105	%		09/28/2010 12:05			KMH
Silver		103	%		09/28/2010 12:05			KMH
Sodium		105	%		09/28/2010 12:05			KMH
Thallium		103	%		09/28/2010 12:05			KMH
Vanadium		105	%		09/28/2010 12:05			KMH
Zinc		106	%		09/28/2010 12:05			KMH
MS Result for Metals by 200.7								
Antimony		0.520	mg/L		09/28/2010 12:22			KMH
Arsenic		0.558	mg/L		09/28/2010 12:22			KMH
Barium		0.621	mg/L		09/28/2010 12:22			KMH
Beryllium		0.501	mg/L		09/28/2010 12:22			KMH
Cadmium		0.502	mg/L		09/28/2010 12:22			KMH
Chromium		0.516	mg/L		09/28/2010 12:22			KMH
Cobalt		0.516	mg/L		09/28/2010 12:22			KMH
Copper		0.498	mg/L		09/28/2010 12:22			KMH
Iron		18.7	mg/L		09/28/2010 12:22			KMH
Lead		0.489	mg/L		09/28/2010 12:22			KMH
Nickel		0.506	mg/L		09/28/2010 12:22			KMH
Selenium		0.499	mg/L		09/28/2010 12:22			KMH
Silver		0.519	mg/L		09/28/2010 12:22			KMH
Sodium		416	mg/L		09/28/2010 12:22			KMH
Thallium		0.457	mg/L		09/28/2010 12:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-20093 QA Sample ID: AE34961

Samples AE34305 AE34306 AE34307

MS Result for Metals by 200.7

Vanadium	0.539	mg/L	09/28/2010 12:22	KMH
Zinc	0.516	mg/L	09/28/2010 12:22	KMH

MS Recovery for Metals by 200.7

Antimony	104	%	09/28/2010 12:14	KMH
Arsenic	104	%	09/28/2010 12:14	KMH
Barium	98.8	%	09/28/2010 12:14	KMH
Beryllium	100	%	09/28/2010 12:14	KMH
Cadmium	100	%	09/28/2010 12:14	KMH
Chromium	101	%	09/28/2010 12:14	KMH
Cobalt	100	%	09/28/2010 12:14	KMH
Copper	99.6	%	09/28/2010 12:14	KMH
Iron	94.8	%	09/28/2010 12:14	KMH
Lead	97.8	%	09/28/2010 12:14	KMH
Nickel	98.4	%	09/28/2010 12:14	KMH
Selenium	99.8	%	09/28/2010 12:14	KMH
Silver	104	%	09/28/2010 12:14	KMH
Sodium	88.6	%	09/28/2010 12:14	KMH
Thallium	91.4	%	09/28/2010 12:14	KMH
Vanadium	102	%	09/28/2010 12:14	KMH
Zinc	98.2	%	09/28/2010 12:14	KMH

MS/MSD Precision for Metals by 200.7

Antimony	0.192	%	09/28/2010 12:22	KMH
Arsenic	0.00	%	09/28/2010 12:22	KMH
Barium	1.91	%	09/28/2010 12:22	KMH
Beryllium	0.00	%	09/28/2010 12:22	KMH
Cadmium	1.19	%	09/28/2010 12:22	KMH
Chromium	1.73	%	09/28/2010 12:22	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961						
Samples AE34305 AE34306 AE34307								
MS/MSD Precision for Metals by 200.7								
Cobalt		0.772	%		09/28/2010 12:22			KMH
Copper		1.79	%		09/28/2010 12:22			KMH
Iron		0.536	%		09/28/2010 12:22			KMH
Lead		0.00	%		09/28/2010 12:22			KMH
Nickel		1.57	%		09/28/2010 12:22			KMH
Selenium		0.798	%		09/28/2010 12:22			KMH
Silver		2.47	%		09/28/2010 12:22			KMH
Sodium		3.77	%		09/28/2010 12:22			KMH
Thallium		0.219	%		09/28/2010 12:22			KMH
Vanadium		2.38	%		09/28/2010 12:22			KMH
Zinc		1.54	%		09/28/2010 12:22			KMH
CCV Rec for Metals by 200.7								
Antimony		104	%		09/28/2010 13:37			KMH
Arsenic		104	%		09/28/2010 13:37			KMH
Barium		102	%		09/28/2010 13:37			KMH
Beryllium		102	%		09/28/2010 13:37			KMH
Cadmium		102	%		09/28/2010 13:37			KMH
Chromium		105	%		09/28/2010 13:37			KMH
Cobalt		106	%		09/28/2010 13:37			KMH
Copper		99.9	%		09/28/2010 13:37			KMH
Iron		96.8	%		09/28/2010 13:37			KMH
Lead		104	%		09/28/2010 13:37			KMH
Nickel		104	%		09/28/2010 13:37			KMH
Selenium		105	%		09/28/2010 13:37			KMH
Silver		105	%		09/28/2010 13:37			KMH
Sodium		102	%		09/28/2010 13:37			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961							
Samples AE34305 AE34306 AE34307									
CCV Rec for Metals by 200.7									
Thallium		102	%		09/28/2010	13:37			KMH
Vanadium		105	%		09/28/2010	13:37			KMH
Zinc		106	%		09/28/2010	13:37			KMH
Cont Blank for Metals by 200.7									
Antimony		<MDL	mg/L	U	09/28/2010	13:16			KMH
Arsenic		<MDL	mg/L	U	09/28/2010	13:16			KMH
Barium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Beryllium		0.00010	mg/L	I	09/28/2010	13:16			KMH
Cadmium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Chromium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Cobalt		<MDL	mg/L	U	09/28/2010	13:16			KMH
Copper		<MDL	mg/L	U	09/28/2010	13:16			KMH
Iron		<MDL	mg/L	U	09/28/2010	13:16			KMH
Lead		<MDL	mg/L	U	09/28/2010	13:16			KMH
Nickel		0.0004	mg/L	I	09/28/2010	13:16			KMH
Selenium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Silver		<MDL	mg/L	U	09/28/2010	13:16			KMH
Sodium		0.030	mg/L	I	09/28/2010	13:16			KMH
Thallium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Vanadium		<MDL	mg/L	U	09/28/2010	13:16			KMH
Zinc		<MDL	mg/L	U	09/28/2010	13:16			KMH
CCV for Metals by 200.7									
Antimony		1.04	mg/L		09/28/2010	13:37			KMH
Arsenic		1.04	mg/L		09/28/2010	13:37			KMH
Barium		1.02	mg/L		09/28/2010	13:37			KMH
Beryllium		1.02	mg/L		09/28/2010	13:37			KMH
Cadmium		1.02	mg/L		09/28/2010	13:37			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961						
Samples	AE34305 AE34306 AE34307							
CCV for Metals by 200.7								
Chromium		1.05	mg/L		09/28/2010 13:37			KMH
Cobalt		1.06	mg/L		09/28/2010 13:37			KMH
Copper		0.999	mg/L		09/28/2010 13:37			KMH
Iron		12.1	mg/L		09/28/2010 13:37			KMH
Lead		1.04	mg/L		09/28/2010 13:37			KMH
Nickel		1.04	mg/L		09/28/2010 13:37			KMH
Selenium		1.05	mg/L		09/28/2010 13:37			KMH
Silver		0.524	mg/L		09/28/2010 13:37			KMH
Sodium		204	mg/L		09/28/2010 13:37			KMH
Thallium		1.02	mg/L		09/28/2010 13:37			KMH
Vanadium		1.05	mg/L		09/28/2010 13:37			KMH
Zinc		1.06	mg/L		09/28/2010 13:37			KMH
Initial Calibration for Metals by 200.7								
Antimony		0.983	mg/L		09/28/2010 11:04			KMH
Arsenic		0.972	mg/L		09/28/2010 11:04			KMH
Barium		0.993	mg/L		09/28/2010 11:04			KMH
Beryllium		0.995	mg/L		09/28/2010 11:04			KMH
Cadmium		0.978	mg/L		09/28/2010 11:04			KMH
Chromium		1.01	mg/L		09/28/2010 11:04			KMH
Cobalt		1.01	mg/L		09/28/2010 11:04			KMH
Copper		0.983	mg/L		09/28/2010 11:04			KMH
Iron		12.4	mg/L		09/28/2010 11:04			KMH
Lead		1.01	mg/L		09/28/2010 11:04			KMH
Nickel		1.00	mg/L		09/28/2010 11:04			KMH
Selenium		1.03	mg/L		09/28/2010 11:04			KMH
Silver		0.258	mg/L		09/28/2010 11:04			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961							
Samples	AE34305 AE34306 AE34307								
Initial Calibration for Metals by 200.7									
Sodium		99.0	mg/L		09/28/2010	11:04			KMH
Thallium		1.02	mg/L		09/28/2010	11:04			KMH
Vanadium		1.00	mg/L		09/28/2010	11:04			KMH
Zinc		0.991	mg/L		09/28/2010	11:04			KMH
Metals by 200.7									
Antimony		<MDL	mg/L	U	09/28/2010	12:14			KMH
Arsenic		0.037	mg/L		09/28/2010	12:14			KMH
Barium		0.127	mg/L		09/28/2010	12:14			KMH
Beryllium		<MDL	mg/L	U	09/28/2010	12:14			KMH
Cadmium		<MDL	mg/L	U	09/28/2010	12:14			KMH
Chromium		0.010	mg/L		09/28/2010	12:14			KMH
Cobalt		0.014	mg/L		09/28/2010	12:14			KMH
Copper		<MDL	mg/L	U	09/28/2010	12:14			KMH
Iron		12.3	mg/L		09/28/2010	12:14			KMH
Lead		<MDL	mg/L	U	09/28/2010	12:14			KMH
Nickel		0.014	mg/L		09/28/2010	12:14			KMH
Selenium		<MDL	mg/L	U	09/28/2010	12:14			KMH
Silver		<MDL	mg/L	U	09/28/2010	12:14			KMH
Sodium		327	mg/L		09/28/2010	12:14			KMH
Thallium		<MDL	mg/L	U	09/28/2010	12:14			KMH
Vanadium		0.027	mg/L		09/28/2010	12:14			KMH
Zinc		0.025	mg/L		09/28/2010	12:14			KMH
LCS for Metals by 200.7									
Antimony		0.519	mg/L		09/28/2010	12:05			KMH
Arsenic		0.521	mg/L		09/28/2010	12:05			KMH
Barium		0.515	mg/L		09/28/2010	12:05			KMH
Beryllium		0.515	mg/L		09/28/2010	12:05			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961						
Samples AE34305 AE34306 AE34307								
LCS for Metals by 200.7								
Cadmium		0.509	mg/L		09/28/2010 12:05			KMH
Chromium		0.525	mg/L		09/28/2010 12:05			KMH
Cobalt		0.530	mg/L		09/28/2010 12:05			KMH
Copper		0.499	mg/L		09/28/2010 12:05			KMH
Iron		10.5	mg/L		09/28/2010 12:05			KMH
Lead		0.525	mg/L		09/28/2010 12:05			KMH
Nickel		0.523	mg/L		09/28/2010 12:05			KMH
Selenium		0.523	mg/L		09/28/2010 12:05			KMH
Silver		0.515	mg/L		09/28/2010 12:05			KMH
Sodium		11.0	mg/L		09/28/2010 12:05			KMH
Thallium		0.515	mg/L		09/28/2010 12:05			KMH
Vanadium		0.524	mg/L		09/28/2010 12:05			KMH
Zinc		0.529	mg/L		09/28/2010 12:05			KMH
MSD Recovery for Metals by 200.7								
Antimony		104	%		09/28/2010 12:14			KMH
Arsenic		104	%		09/28/2010 12:14			KMH
Barium		101	%		09/28/2010 12:14			KMH
Beryllium		100	%		09/28/2010 12:14			KMH
Cadmium		102	%		09/28/2010 12:14			KMH
Chromium		103	%		09/28/2010 12:14			KMH
Cobalt		101	%		09/28/2010 12:14			KMH
Copper		101	%		09/28/2010 12:14			KMH
Iron		93.3	%		09/28/2010 12:14			KMH
Lead		97.8	%		09/28/2010 12:14			KMH
Nickel		100	%		09/28/2010 12:14			KMH
Selenium		101	%		09/28/2010 12:14			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name: SICPWATER-20093		QA Sample ID: AE34961						
Samples AE34305 AE34306 AE34307								

MSD Recovery for Metals by 200.7

Silver		106	%		09/28/2010 12:14			KMH
Sodium		104	%		09/28/2010 12:14			KMH
Thallium		91.2	%		09/28/2010 12:14			KMH
Vanadium		105	%		09/28/2010 12:14			KMH
Zinc		99.8	%		09/28/2010 12:14			KMH

MSD Result for Metals by 200.7

Antimony		0.519	mg/L		09/28/2010 12:26			KMH
Arsenic		0.558	mg/L		09/28/2010 12:26			KMH
Barium		0.633	mg/L		09/28/2010 12:26			KMH
Beryllium		0.501	mg/L		09/28/2010 12:26			KMH
Cadmium		0.508	mg/L		09/28/2010 12:26			KMH
Chromium		0.525	mg/L		09/28/2010 12:26			KMH
Cobalt		0.520	mg/L		09/28/2010 12:26			KMH
Copper		0.507	mg/L		09/28/2010 12:26			KMH
Iron		18.6	mg/L		09/28/2010 12:26			KMH
Lead		0.489	mg/L		09/28/2010 12:26			KMH
Nickel		0.514	mg/L		09/28/2010 12:26			KMH
Selenium		0.503	mg/L		09/28/2010 12:26			KMH
Silver		0.532	mg/L		09/28/2010 12:26			KMH
Sodium		432	mg/L		09/28/2010 12:26			KMH
Thallium		0.456	mg/L		09/28/2010 12:26			KMH
Vanadium		0.552	mg/L		09/28/2010 12:26			KMH
Zinc		0.524	mg/L		09/28/2010 12:26			KMH

Batch Name: AMM-20026

QA Sample ID: AE35201

Samples AE34299 AE34308 AE34309

Ammonia		10.3	mg/L		09/20/2010 14:49			AMC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: AMM-20026		QA Sample ID: AE35201							
Samples	AE34299 AE34308 AE34309								
Sample Dup for Ammonia		10.5	mg/L		09/20/2010	14:49			AMC
Dup Precision for Ammonia		1.92	%		09/20/2010	14:49			AMC
Amt Spiked for Ammonia		5.00	mg/L		09/20/2010	14:50			AMC
MS Result for Ammonia		15.6	mg/L		09/20/2010	14:50			AMC
MS Recovery for Ammonia		106	%		09/20/2010	14:50			AMC
Cont Calb Rec for Ammonia		99.9	%		09/20/2010	14:49			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	09/20/2010	14:49			AMC
Continuous Calibration for Ammonia		0.999	mg/L		09/20/2010	14:50			AMC
Batch Name: AMM-20068		QA Sample ID: AE35313							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34305 AE34306 AE34307 AE34310								
Ammonia		17.1	mg/L		09/23/2010	13:14			AMC
Sample Dup for Ammonia		16.6	mg/L		09/23/2010	13:14			AMC
Dup Precision for Ammonia		2.97	%		09/23/2010	13:14			AMC
Amt Spiked for Ammonia		10.0	mg/L		09/23/2010	13:14			AMC
MS Result for Ammonia		26.9	mg/L		09/23/2010	13:14			AMC
MS Recovery for Ammonia		98.0	%		09/23/2010	13:14			AMC
Cont Calb Rec for Ammonia		97.3	%		09/23/2010	13:23			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	09/23/2010	13:23			AMC
Method Blank for Ammonia		<MDL	mg/L	U	09/23/2010	12:40			AMC
Continuous Calibration for Ammonia		0.973	mg/L		09/23/2010	13:23			AMC
ICV for Ammonia		0.504	mg/L		09/23/2010	12:40			AMC
ICV Rec for Ammonia		101	%		09/23/2010	12:40			AMC
Batch Name: AMM-20069		QA Sample ID: AE35301							
Samples	AE34311 AE34312 AE34313 AE34314 AE34315								
Ammonia		25.7	mg/L		09/23/2010	13:21			AMC
Sample Dup for Ammonia		25.8	mg/L		09/23/2010	13:21			AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: AMM-20069		QA Sample ID: AE35301							
Samples	AE34311 AE34312 AE34313 AE34314 AE34315								
Dup Precision for Ammonia		0.388	%		09/23/2010	13:21			AMC
Amt Spiked for Ammonia		10.0	mg/L		09/23/2010	13:21			AMC
MS Result for Ammonia		35.1	mg/L		09/23/2010	13:21			AMC
MS Recovery for Ammonia		94.0	%		09/23/2010	13:21			AMC
Cont Calb Rec for Ammonia		96.8	%		09/23/2010	13:21			AMC
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	09/23/2010	13:36			AMC
Continuous Calibration for Ammonia		0.968	mg/L		09/23/2010	13:36			AMC
Batch Name: CLIC-19984		QA Sample ID: AE35159							
Samples	AE34309								
Amt Spiked for Chloride		50.0	mg/L		09/15/2010	13:45			IR
Method Blank for Chloride		<MDL	mg/L	U	09/15/2010	12:40			IR
Cont. Blank for Chloride		<MDL	mg/L	U	09/15/2010	16:43			IR
Cont. Cal. for Chloride		201	mg/L		09/15/2010	16:27			IR
Cont Calb Rec for Chloride		100	%		09/15/2010	16:27			IR
Chloride by Ion Chromatography		89.0	mg/L		09/15/2010	13:12			IR
Sample Dup for Chloride		89.6	mg/L		09/15/2010	13:28			IR
Init. Cal. for Chloride		29.9	mg/L		09/15/2010	12:56			IR
Int Calb Conc for Chloride		30.3	mg/L		09/15/2010	12:56			IR
Int Calb Rec for Chloride		98.7	%		09/15/2010	12:56			IR
Samp Dup Prec for Chloride		0.672	%		09/15/2010	13:12			IR
MS Recovery for Chloride		94.0	%		09/15/2010	13:12			IR
MS Result for Chloride		136	mg/L		09/15/2010	13:45			IR
Batch Name: CLIC-19985		QA Sample ID: AE34318							
Samples	AE34299 AE34308								
Amt Spiked for Chloride		50.0	mg/L		09/15/2010	17:32			IR
Cont. Blank for Chloride		<MDL	mg/L	U	09/15/2010	20:31			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: CLIC-19985		QA Sample ID: AE34318							
Samples AE34299 AE34308									
Cont. Cal. for Chloride		199	mg/L		09/15/2010	20:15			IR
Cont Calb Rec for Chloride		99.5	%		09/15/2010	20:15			IR
Chloride by Ion Chromatography		12.8	mg/L		09/15/2010	17:00			IR
Sample Dup for Chloride		12.9	mg/L		09/15/2010	17:16			IR
Samp Dup Prec for Chloride		0.778	%		09/15/2010	17:00			IR
MS Recovery for Chloride		94.6	%		09/15/2010	17:00			IR
MS Result for Chloride		60.1	mg/L		09/15/2010	17:32			IR
Batch Name: CLIC-20060		QA Sample ID: AE35275							
Samples AE34300 AE34301 AE34302 AE34303									
Amt Spiked for Chloride		45.0	mg/L		09/22/2010	17:18			EMM
Method Blank for Chloride		<MDL	mg/L	U	09/22/2010	16:13			EMM
Cont. Blank for Chloride		0.188	mg/L	I	09/22/2010	20:16			EMM
Cont. Cal. for Chloride		203	mg/L		09/22/2010	20:00			EMM
Cont Calb Rec for Chloride		102	%		09/22/2010	20:00			EMM
Chloride by Ion Chromatography		87.8	mg/L		09/22/2010	16:45			EMM
Sample Dup for Chloride		88.5	mg/L		09/22/2010	17:01			EMM
Init. CaL. for Chloride		30.1	mg/L		09/22/2010	16:29			EMM
Int Calb Conc for Chloride		30.3	mg/L		09/22/2010	16:29			EMM
Int Calb Rec for Chloride		99.3	%		09/22/2010	16:29			EMM
Samp Dup Prec for Chloride		0.794	%		09/22/2010	16:45			EMM
MS Recovery for Chloride		98.2	%		09/22/2010	16:45			EMM
MS Result for Chloride		132	mg/L		09/22/2010	17:18			EMM
Batch Name: CLIC-20063		QA Sample ID: AE34305							
Samples AE34304 AE34305 AE34306 AE34310 AE34311 AE34312 AE34313 AE34314 AE34315									
Amt Spiked for Chloride		50.0	mg/L		09/22/2010	21:05			EMM
Cont. Blank for Chloride		0.426	mg/L	I	09/23/2010	00:04			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: CLIC-20063		QA Sample ID: AE34305							
Samples	AE34304 AE34305 AE34306 AE34310 AE34311 AE34312 AE34313 AE34314 AE34315								
Cont. Cal. for Chloride		202	mg/L		09/22/2010	23:48			EMM
Cont Calb Rec for Chloride		101	%		09/22/2010	23:48			EMM
Chloride by Ion Chromatography		52.7	mg/L		09/22/2010	20:33			EMM
Sample Dup for Chloride		52.3	mg/L		09/22/2010	20:49			EMM
Samp Dup Prec for Chloride		0.762	%		09/22/2010	20:33			EMM
MS Recovery for Chloride		98.6	%		09/22/2010	20:33			EMM
MS Result for Chloride		102	mg/L		09/22/2010	21:05			EMM
Batch Name: CLIC-20064		QA Sample ID: AE34307							
Samples	AE34307								
Amt Spiked for Chloride		50.0	mg/L		09/23/2010	00:53			EMM
Cont. Blank for Chloride		0.184	mg/L	I	09/23/2010	01:25			EMM
Cont. Cal. for Chloride		201	mg/L		09/23/2010	01:09			EMM
Cont Calb Rec for Chloride		100	%		09/23/2010	01:09			EMM
Chloride by Ion Chromatography		5.08	mg/L		09/23/2010	00:20			EMM
Sample Dup for Chloride		5.15	mg/L		09/23/2010	00:36			EMM
Samp Dup Prec for Chloride		1.37	%		09/23/2010	00:20			EMM
MS Recovery for Chloride		99.8	%		09/23/2010	00:20			EMM
MS Result for Chloride		55.0	mg/L		09/23/2010	00:53			EMM
Batch Name: HG-19992		QA Sample ID: AE34298							
Samples	AE34299 AE34308 AE34309								
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		09/17/2010	12:13			IR
Method Blank for Mercury Cold Vapor		<MDL	ug/L	U	09/17/2010	11:51			IR
Continuing Cal. Blank for Mercury Cold V		<MDL	ug/L	U	09/17/2010	12:45			IR
Continuous Calibration for Mercury Cold		2.56	ug/L		09/17/2010	12:40			IR
Cont Calb Conc for Mercury Cold Vapor		2.50	ug/L		09/21/2010	12:40			IR
CV Rec for Mercury		102	%		09/17/2010	12:40			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: HG-19992		QA Sample ID: AE34298							
Samples	AE34299 AE34308 AE34309								
Mercury Cold Vapor		<MDL	ug/L	U	09/17/2010	12:07			IR
Initial Calibration for Mercury Cold Vap		2.61	ug/L		09/17/2010	11:57			IR
Int Calb Conc for Mercury Cold Vapor		2.50	ug/L		09/17/2010	11:57			IR
ICV Rec for Mercury		104	%		09/17/2010	11:57			IR
Lab Control for Mercury Cold Vapor		2.07	ug/L		09/17/2010	12:02			IR
LCS Rec for Mercury		104	%		09/17/2010	12:02			IR
LCS Spk Amt for Mercury Cold Vapor		2.00	ug/L		09/17/2010	12:02			IR
MS Recovery for Mercury Cold Vapor		97.0	%		09/17/2010	12:07			IR
MS Result for Mercury Cold Vapor		1.94	ug/L		09/17/2010	12:13			IR

Batch Name: HG-20045

QA Sample ID: AE34300

Samples AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314

Amt Spiked for Mercury Cold Vapor		2.00	ug/L		09/24/2010	10:04			IR
Method Blank for Mercury Cold Vapor		<MDL	ug/L	U	09/24/2010	09:48			IR
Continuing Cal. Blank for Mercury Cold V		<MDL	ug/L	U	09/24/2010	10:38			IR
Continuous Calibration for Mercury Cold		2.62	ug/L		09/24/2010	10:33			IR
Cont Calb Conc for Mercury Cold Vapor		2.50	ug/L		09/24/2010	10:33			IR
CCV Rec for Mercury		105	%		09/24/2010	10:33			IR
Mercury Cold Vapor		<MDL	ug/L	U	09/24/2010	10:01			IR
Initial Calibration for Mercury Cold Vap		2.64	ug/L		09/24/2010	09:50			IR
Int Calb Conc for Mercury Cold Vapor		2.50	ug/L		09/24/2010	09:50			IR
ICV Rec for Mercury		106	%		09/24/2010	09:50			IR
Lab Control for Mercury Cold Vapor		2.07	ug/L		09/24/2010	09:56			IR
LCS Rec for Mercury		104	%		09/24/2010	09:56			IR
LCS Spk Amt for Mercury Cold Vapor		2.00	ug/L		09/24/2010	09:56			IR
MS Recovery for Mercury Cold Vapor		105	%		09/24/2010	10:01			IR
MSD Recovery for Mercury Cold Vapor		105	%		09/24/2010	10:01			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: HG-20045		QA Sample ID: AE34300							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34310 AE34311 AE34312 AE34313 AE34314								
MS Result for Mercury Cold Vapor		2.10	ug/L		09/24/2010	10:04			IR
MSD Result for Mercury Cold Vapor		2.10	ug/L		09/24/2010	10:06			IR
MS/MSD Precision for Mercury Cold Vapor		0.00	%		09/24/2010	10:01			IR
Batch Name: HG-20046		QA Sample ID: AE34315							
Samples	AE34305 AE34306 AE34307 AE34315								
Amt Spiked for Mercury Cold Vapor		2.00	ug/L		09/24/2010	10:44			IR
Continuing Cal. Blank for Mercury Cold V		<MDL	ug/L	U	09/24/2010	11:11			IR
Continuous Calibration for Mercury Cold		2.63	ug/L		09/24/2010	11:05			IR
Cont Calb Conc for Mercury Cold Vapor		2.50	ug/L		09/24/2010	11:05			IR
CCV Rec for Mercury		105	%		09/24/2010	11:05			IR
Mercury Cold Vapor		<MDL	ug/L	U	09/24/2010	10:41			IR
MS Recovery for Mercury Cold Vapor		100	%		09/24/2010	10:41			IR
MSD Recovery for Mercury Cold Vapor		105	%		09/24/2010	10:41			IR
MS Result for Mercury Cold Vapor		2.00	ug/L		09/24/2010	10:44			IR
MSD Result for Mercury Cold Vapor		2.10	ug/L		09/24/2010	10:46			IR
MS/MSD Precision for Mercury Cold Vapor		4.88	%		09/24/2010	10:46			IR
Batch Name: NO3IC-19996		QA Sample ID: AE35217							
Samples	AE34299 AE34308 AE34309								
Amt Spiked for Nitrate		2.00	mg/L		09/16/2010	11:46			EMM
Method Blank for Nitrate		<MDL	mg/L	U	09/16/2010	09:35			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	09/16/2010	13:24			EMM
Cont. Cal. for Nitrate		9.92	mg/L		09/16/2010	13:08			EMM
Cont Calb Rec for Nitrate		99.2	%		09/16/2010	13:08			EMM
Sample Dup for Nitrate		11.7	mg/L		09/16/2010	11:29			EMM
Init. Cal. for Nitrate		21.8	mg/L		09/16/2010	10:08			EMM
Int Calb Conc for Nitrate		22.6	mg/L		09/16/2010	10:08			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: NO3IC-19996		QA Sample ID: AE35217							
Samples AE34299 AE34308 AE34309									
Int Calb Rec for Nitrate		96.5	%		09/16/2010	10:08			EMM
Nitrate as N by Ion Chromatography		11.7	mg/L		09/16/2010	11:13			EMM
Samp Dup Prec. for Nitrate		0.00	%		09/16/2010	11:13			EMM
MS Recovery for Nitrate		100	%		09/16/2010	11:13			EMM
MS Result for Nitrate		13.7	mg/L		09/16/2010	11:46			EMM
Batch Name: NO3IC-20042		QA Sample ID: AE35273							
Samples AE34310 AE34311 AE34312 AE34313 AE34314									
Amt Spiked for Nitrate		1.00	mg/L		09/21/2010	10:38			AMC
Method Blank for Nitrate		<MDL	mg/L	U	09/21/2010	09:16			AMC
Cont. Blank for Nitrate		<MDL	mg/L	U	09/21/2010	13:38			AMC
Cont. Cal. for Nitrate		9.96	mg/L		09/21/2010	13:21			AMC
Cont Calb Rec for Nitrate		99.6	%		09/21/2010	09:48			AMC
Sample Dup for Nitrate		0.458	mg/L		09/21/2010	10:21			AMC
Init. Cal. for Nitrate		20.8	mg/L		09/21/2010	09:48			AMC
Int Calb Conc for Nitrate		22.6	mg/L		09/21/2010	09:48			AMC
Int Calb Rec for Nitrate		92.0	%		09/21/2010	09:48			AMC
Nitrate as N by Ion Chromatography		0.459	mg/L		09/21/2010	10:05			AMC
Samp Dup Prec. for Nitrate		0.218	%		09/21/2010	10:05			AMC
MS Recovery for Nitrate		100	%		09/21/2010	10:38			AMC
MS Result for Nitrate		1.46	mg/L		09/21/2010	10:38			AMC
Batch Name: NO3IC-20043		QA Sample ID: AE35275							
Samples AE34300 AE34301 AE34302 AE34303 AE34304 AE34315									
Amt Spiked for Nitrate		1.00	mg/L		09/21/2010	14:27			AMC
Cont. Blank for Nitrate		<MDL	mg/L	U	09/21/2010	16:38			AMC
Cont. Cal. for Nitrate		9.97	mg/L		09/21/2010	16:21			AMC
Cont Calb Rec for Nitrate		99.7	%		09/21/2010	13:21			AMC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: NO3IC-20043		QA Sample ID: AE35275							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34315								
Sample Dup for Nitrate		6.62	mg/L		09/21/2010	14:10			AMC
Nitrate as N by Ion Chromatography		6.61	mg/L		09/21/2010	13:54			AMC
Samp Dup Prec. for Nitrate		0.151	%		09/21/2010	13:54			AMC
MS Recovery for Nitrate		98.0	%		09/21/2010	14:27			AMC
MS Result for Nitrate		7.59	mg/L		09/21/2010	14:27			AMC
Batch Name: NO3IC-20058		QA Sample ID: AE35313							
Samples	AE34305 AE34306 AE34307								
Amt Spiked for Nitrate		1.00	mg/L		09/22/2010	12:57			EMM
Method Blank for Nitrate		<MDL	mg/L	U	09/22/2010	11:35			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	09/22/2010	15:25			EMM
Cont. Cal. for Nitrate		9.94	mg/L		09/22/2010	15:09			EMM
Cont Calb Rec for Nitrate		99.4	%		09/22/2010	15:09			EMM
Sample Dup for Nitrate		0.470	mg/L		09/22/2010	12:41			EMM
Init. Cal. for Nitrate		21.1	mg/L		09/22/2010	12:08			EMM
Int Calb Conc for Nitrate		22.6	mg/L		09/22/2010	12:08			EMM
Int Calb Rec for Nitrate		93.4	%		09/22/2010	12:08			EMM
Nitrate as N by Ion Chromatography		0.469	mg/L		09/22/2010	12:25			EMM
Samp Dup Prec. for Nitrate		0.213	%		09/22/2010	12:25			EMM
MS Recovery for Nitrate		102	%		09/22/2010	12:25			EMM
MS Result for Nitrate		1.49	mg/L		09/22/2010	12:57			EMM
Batch Name: TDS-20034		QA Sample ID: AE34312							
Samples	AE34299 AE34308 AE34309 AE34310 AE34311 AE34312 AE34313 AE34314 AE34315								
Method Blank for TDS		<MDL	mg/L	U	09/22/2010	10:50			AC/EMM
Sample Dup for TDS		940	mg/L		09/22/2010	10:50			AC/EMM
Initial Calibration for TDS		977	mg/L		09/22/2010	10:50			AC/EMM
nt Calb Conc for TDS		970	mg/L		09/22/2010	10:50			AC/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: TDS-20034		QA Sample ID: AE34312							
Samples	AE34299 AE34308 AE34309 AE34310 AE34311 AE34312 AE34313 AE34314 AE34315								
Int Calb Rec for TDS		101	%		09/22/2010	10:50			AC/EMM
Samp Dup Precision for TDS		Pass	%		09/22/2010	10:50			AC/EMM
Total Dissolved Solids		940	mg/L		09/22/2010	10:50			AC/EMM
Batch Name: TDS-20055		QA Sample ID: AE34302							
Samples	AE34300 AE34301 AE34302 AE34303 AE34304 AE34305 AE34306 AE34307								
Method Blank for TDS		<MDL	mg/L	U	09/24/2010	10:38			EMM/AC
Sample Dup for TDS		814	mg/L		09/24/2010	10:38			EMM/AC
Initial Calibration for TDS		1000	mg/L		09/24/2010	10:38			EMM/AC
Int Calb Conc for TDS		970	mg/L		09/24/2010	10:38			EMM/AC
Int Calb Rec for TDS		103	%		09/24/2010	10:38			EMM/AC
Samp Dup Precision for TDS		Pass	%		09/24/2010	10:38			EMM/AC
Total Dissolved Solids		825	mg/L		09/24/2010	10:38			EMM/AC
Batch Name: TLAA-20128		QA Sample ID: AE34298							
Samples	AE34299 AE34300 AE34301 AE34302 AE34303 AE34304 AE34305 AE34306 AE34307								
Method Blank for Thallium by GFAAS		<MDL	mg/L	U	10/04/2010	11:32			IR
Continuing Cal. Blank for Thallium by GF		<MDL	mg/L	U	10/04/2010	14:46			IR
Continuous Calibration for Thallium by G		0.053	mg/L		10/04/2010	14:26			IR
Cont Calb Rec for Thallium by GFAAS		106	%		10/04/2010	14:26			IR
Initial Calibration for Thallium by GFAA		0.053	mg/L		10/04/2010	11:42			IR
CV Rec for Thallium by GFAAS		106	%		10/04/2010	11:42			IR
Lab Control for Thallium by GFAAS		0.052	mg/L		10/04/2010	11:52			IR
CS Rec for Thallium by GFAAS		104	%		10/04/2010	11:52			IR
MS Recovery for Thallium by GFAAS		94.0	%		10/04/2010	12:34			IR
Reagent Blank for Thallium by GFAAS		<MDL	mg/L		10/04/2010	11:22			IR
MSD Recovery for Thallium by GFAAS		92.0	%		10/04/2010	12:44			IR
MS Result for Thallium by GFAAS		0.047	mg/L		10/04/2010	12:34			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: TLAA-20128		QA Sample ID: AE34298							
Samples	AE34299 AE34300 AE34301 AE34302 AE34303 AE34304 AE34305 AE34306 AE34307								
MSD Result for Thallium by GFAAS		0.046	mg/L		10/04/2010	12:44			IR
MS/MSD Precision for Thallium by GFAAS		2.15	%		10/04/2010	12:44			IR
Thallium by GFAAS		<MDL	mg/L	U	10/04/2010	12:13			IR
Batch Name: TLAA-20129		QA Sample ID: AE34308							
Samples	AE34308 AE34309 AE34310 AE34311 AE34312 AE34313 AE34314 AE34315								
Continuing Cal. Blank for Thallium by GF		<MDL	mg/L	U	10/04/2010	17:28			IR
Continuous Calibration for Thallium by G		0.055	mg/L		10/04/2010	17:07			IR
Cont Calb Rec for Thallium by GFAAS		110	%		10/04/2010	17:07			IR
MS Recovery for Thallium by GFAAS		104	%		10/04/2010	15:16			IR
MSD Recovery for Thallium by GFAAS		100	%		10/04/2010	15:26			IR
MS Result for Thallium by GFAAS		0.052	mg/L		10/04/2010	15:16			IR
MSD Result for Thallium by GFAAS		0.050	mg/L		10/04/2010	15:26			IR
MS/MSD Precision for Thallium by GFAAS		3.92	%		10/04/2010	15:26			IR
Thallium by GFAAS		<MDL	mg/L	U	10/04/2010	14:56			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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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 used only if the colony count is generated from a plate in which the total number of coliform colonies <u>exceeds</u> 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 quantitation 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. Presumptive evidence of presence of compound. To be used when the compound has been determined by
N	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 blank 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 value)
- + when the field or laboratory calibrations or calibration verifications did not meet calibration acceptance criteria.

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-1 AE 34299
Matrix	Groundwater
SAL Sample Number	105347.01
Date/Time Collected	09/15/10 09:51
Date/Time Received	09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/23/10 05:54		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/23/10 05:54		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/23/10 05:54		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/23/10 05:54		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/23/10 05:54		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/23/10 05:54		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/23/10 05:54		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/23/10 05:54		JRW
Chloroform	ug/l	0.17 U	EPA 8260	0.1	09/23/10 05:54		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/23/10 05:54		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/23/10 05:54		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/23/10 05:54		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/23/10 05:54		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-1 AE 34299
Matrix	Groundwater
SAL Sample Number	105347.01
Date/Time Collected	09/15/10 09:51
Date/Time Received	09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 05:54		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/23/10 05:54		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 05:54		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 05:54		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/23/10 05:54		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/23/10 05:54		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/23/10 05:54		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:04	09/24/10 12:30	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:04	09/24/10 12:30	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-2 AE 34308
Matrix Groundwater
SAL Sample Number 105347.02
Date/Time Collected 09/15/10 10:23
Date/Time Received 09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatle Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/23/10 06:26		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/23/10 06:26		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:26		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/23/10 06:26		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/23/10 06:26		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/23/10 06:26		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/23/10 06:26		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:26		JRW
Chloroform	ug/l	0.19 U	EPA 8260	0.1	09/23/10 06:26		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/23/10 06:26		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/23/10 06:26		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 08:26		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/23/10 06:26		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:26		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-2 AE 34308
Matrix	Groundwater
SAL Sample Number	105347.02
Date/Time Collected	09/15/10 10:23
Date/Time Received	09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:26		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/23/10 06:26		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:26		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:26		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/23/10 06:26		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:26		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:26		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:31	09/24/10 12:30	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:31	09/24/10 12:30	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-3 AE 34309
Matrix	Groundwater
SAL Sample Number	105347.03
Date/Time Collected	09/15/10 10:57
Date/Time Received	09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 08:57		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/23/10 06:57		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/23/10 06:57		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:57		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/23/10 06:57		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/23/10 06:57		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/23/10 06:57		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/23/10 06:57		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:57		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.1	09/23/10 06:57		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/23/10 06:57		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/23/10 06:57		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/23/10 06:57		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:57		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-3 AE 34309
Matrix	Groundwater
SAL Sample Number	105347.03
Date/Time Collected	09/15/10 10:57
Date/Time Received	09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:57		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/23/10 06:57		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 06:57		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 06:57		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/23/10 06:57		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/23/10 06:57		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/23/10 06:57		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:57	09/24/10 12:30	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:57	09/24/10 12:30	BTJ

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4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-4 AE 34310
Matrix Groundwater
SAL Sample Number 105347.04
Date/Time Collected 09/20/10 08:28
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 18:07		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 18:07		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:07		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 18:07		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 18:07		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 18:07		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 18:07		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:07		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 18:07		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 18:07		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 18:07		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:07		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
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4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-4 AE 34310		
Matrix	Groundwater		
SAL Sample Number	105347.04		
Date/Time Collected	09/20/10	08:28	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:07		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 18:07		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:07		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:07		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 18:07		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:07		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:07		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 01:45	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 01:45	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
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4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-5 AE 34311
Matrix Groundwater
SAL Sample Number 105347.05
Date/Time Collected 09/20/10 08:59
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 18:38		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 18:38		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:38		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 18:38		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 18:38		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 18:38		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 18:38		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:38		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 18:38		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 18:38		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 18:38		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:38		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-5 AE 34311
Matrix	Groundwater
SAL Sample Number	105347.05
Date/Time Collected	09/20/10 08:59
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:38		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 18:38		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 18:38		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 18:38		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 18:38		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 18:38		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 18:38		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 02:28	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 02:28	09/29/10 16:20	BTJ

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4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-6 AE 34312
Matrix Groundwater
SAL Sample Number 105347.06
Date/Time Collected 09/20/10 09:28
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 19:09		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 19:09		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:09		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 19:09		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 19:09		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 19:09		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 19:09		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:09		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 19:09		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 19:09		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 19:09		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:09		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
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4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-6 AE 34312
Matrix	Groundwater
SAL Sample Number	105347.06
Date/Time Collected	09/20/10 09:28
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:09		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 19:09		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:09		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:09		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 19:09		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:09		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:09		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 02:50	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 02:50	09/29/10 16:20	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-7 AE 34313
Matrix	Groundwater
SAL Sample Number	105347.07
Date/Time Collected	09/20/10 09:58
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 19:40		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 19:40		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:40		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 19:40		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 19:40		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 19:40		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 19:40		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:40		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 19:40		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 19:40		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 19:40		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:40		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

JAN 19 2011
Environmental Protection
Southwest District

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-7 AE 34313
Matrix Groundwater
SAL Sample Number 105347.07
Date/Time Collected 09/20/10 09:58
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:40		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 19:40		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 19:40		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 19:40		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 19:40		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 19:40		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 19:40		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:11	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:11	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-8 AE 34314
Matrix Groundwater
SAL Sample Number 105347.08
Date/Time Collected 09/20/10 10:36
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 20:11		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 20:11		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:11		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 20:11		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 20:11		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8280	0.1	09/24/10 20:11		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 20:11		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 20:11		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:11		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 20:11		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 20:11		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8280	0.2	09/24/10 20:11		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 20:11		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:11		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-8 AE 34314
Matrix	Groundwater
SAL Sample Number	105347.08
Date/Time Collected	09/20/10 10:36
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:11		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 20:11		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:11		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:11		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 20:11		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:11		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:11		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:33	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:33	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-9 AE 34315
Matrix Groundwater
SAL Sample Number 105347.09
Date/Time Collected 09/20/10 11:03
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 20:42		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 20:42		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:42		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 20:42		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 20:42		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 20:42		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 20:42		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:42		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 20:42		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 20:42		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 20:42		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:42		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW

FD0H 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 Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-9 AE 34315
Matrix	Groundwater
SAL Sample Number	105347.09
Date/Time Collected	09/20/10 11:03
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:42		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 20:42		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 20:42		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 20:42		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 20:42		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 20:42		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 20:42		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:54	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 03:54	09/29/10 16:20	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-10 AE 34300
Matrix Groundwater
SAL Sample Number 105347.10
Date/Time Collected 09/21/10 08:45
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 21:13		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 21:13		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:13		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 21:13		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 21:13		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 21:13		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Chlorobenzene	ug/l	0.61 U	EPA 8260	0.04	09/24/10 21:13		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:13		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 21:13		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 21:13		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 21:13		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:13		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-10 AE 34300
Matrix	Groundwater
SAL Sample Number	105347.10
Date/Time Collected	09/21/10 08:45
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:13		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 21:13		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:13		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:13		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 21:13		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:13		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:13		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 04:16	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 04:16	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-11 AE 34301		
Matrix	Groundwater		
SAL Sample Number	105347.11		
Date/Time Collected	09/21/10	09:26	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 21:44		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 21:44		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:44		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 21:44		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 21:44		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 21:44		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 21:44		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:44		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 21:44		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 21:44		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 21:44		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:44		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description	GW-11 AE 34301
Matrix	Groundwater
SAL Sample Number	105347.11
Date/Time Collected	09/21/10 09:26
Date/Time Received	09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:44		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 21:44		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 21:44		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 21:44		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 21:44		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 21:44		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 21:44		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 04:37	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 04:37	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-12 AE 34302		
Matrix	Groundwater		
SAL Sample Number	105347.12		
Date/Time Collected	09/21/10	09:57	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 22:16		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 22:16		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 22:16		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 22:16		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 22:16		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 22:16		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 22:16		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 22:16		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 22:16		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 22:16		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 22:16		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 22:16		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-12 AE 34302		
Matrix	Groundwater		
SAL Sample Number	105347.12		
Date/Time Collected	09/21/10	09:57	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 22:16		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 22:16		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 22:16		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:16		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 22:16		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 22:16		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:16		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 06:25	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 06:25	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-13 AE34303
Matrix Groundwater
SAL Sample Number 105347.13
Date/Time Collected 09/21/10 10:25
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 22:47		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 22:47		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 22:47		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 22:47		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 22:47		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 22:47		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 22:47		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 22:47		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 22:47		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 22:47		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 22:47		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 22:47		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 22:47		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 22:47		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
 Sample Description GW-14 AE 34304
 Matrix Groundwater
 SAL Sample Number 105347.14
 Date/Time Collected 09/21/10 10:58
 Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 23:18		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
1,2-Dichloropropane	ug/l	0.08 U	EPA 8260	0.06	09/24/10 23:18		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:18		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 23:18		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 23:18		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 23:18		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 23:18		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:18		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 23:18		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 23:18		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 23:18		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:18		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-14 AE 34304		
Matrix	Groundwater		
SAL Sample Number	105347.14		
Date/Time Collected	09/21/10	10:58	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:18		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 23:18		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:18		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:18		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 23:18		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:18		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:18		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:08	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:08	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-15 AE 34305
Matrix Groundwater
SAL Sample Number 105347.15
Date/Time Collected 09/22/10 08:55
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/24/10 23:49		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/24/10 23:49		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:49		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/24/10 23:49		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/24/10 23:49		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/24/10 23:49		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/24/10 23:49		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:49		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/24/10 23:49		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/24/10 23:49		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/24/10 23:49		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:49		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill		
Sample Description	GW-15 AE 34305		
Matrix	Groundwater		
SAL Sample Number	105347.15		
Date/Time Collected	09/22/10	08:55	
Date/Time Received	09/24/10	12:07	

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:49		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/24/10 23:49		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/24/10 23:49		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/24/10 23:49		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/24/10 23:49		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/24/10 23:49		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/24/10 23:49		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:30	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:30	09/29/10 16:20	BTJ

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-16 AE 34306
Matrix Groundwater
SAL Sample Number 105347.16
Date/Time Collected 09/22/10 09:31
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/25/10 00:20		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/25/10 00:20		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:20		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/25/10 00:20		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/25/10 00:20		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/25/10 00:20		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/25/10 00:20		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:20		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.1	09/25/10 00:20		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/25/10 00:20		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/25/10 00:20		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/25/10 00:20		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:20		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-16 AE 34306
Matrix Groundwater
SAL Sample Number 105347.16
Date/Time Collected 09/22/10 09:31
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:20		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/25/10 00:20		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:20		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:20		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/25/10 00:20		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:20		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:20		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:51	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 07:51	09/29/10 16:20	BTJ

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September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-17 AE34307
Matrix Groundwater
SAL Sample Number 105347.17
Date/Time Collected 09/22/10 10:04
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/25/10 00:51		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/25/10 00:51		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:51		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/25/10 00:51		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/25/10 00:51		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/25/10 00:51		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/25/10 00:51		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:51		JRW
Chloroform	ug/l	0.15 U	EPA 8260	0.1	09/25/10 00:51		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/25/10 00:51		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/25/10 00:51		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/25/10 00:51		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:51		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description GW-17 AE34307
Matrix Groundwater
SAL Sample Number 105347.17
Date/Time Collected 09/22/10 10:04
Date/Time Received 09/24/10 12:07

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:51		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/25/10 00:51		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/25/10 00:51		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/25/10 00:51		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/25/10 00:51		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/25/10 00:51		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/25/10 00:51		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/30/10 08:13	09/29/10 16:20	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/30/10 08:13	09/29/10 16:20	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description BGW-1 AE 34298
Matrix Groundwater
SAL Sample Number 105347.18
Date/Time Collected 09/15/10 09:22
Date/Time Received 09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	09/23/10 07:29		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,1,2-Trichloroethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
1,1-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,1-Dichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,2,3-Trichloropropane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
1,2-Dibromoethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,2-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,2-Dichloroethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	09/23/10 07:29		JRW
1,4-Dichlorobenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
2-Hexanone	ug/l	0.3 U	EPA 8260	0.3	09/23/10 07:29		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	09/23/10 07:29		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	09/23/10 07:29		JRW
Benzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Bromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Bromodichloromethane	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Bromoform	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Bromomethane	ug/l	0.6 U	EPA 8260	0.6	09/23/10 07:29		JRW
Carbon disulfide	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Carbon tetrachloride	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	09/23/10 07:29		JRW
Chloroethane	ug/l	0.4 U	EPA 8260	0.4	09/23/10 07:29		JRW
Chloroform	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Chloromethane	ug/l	0.5 U	EPA 8260	0.5	09/23/10 07:29		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	09/23/10 07:29		JRW
cis-1,3-Dichloropropene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Dibromochloromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Dibromomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Ethylbenzene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Iodomethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
m,p-Xylenes	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
MEK (2-Butanone)	ug/l	0.6 U	EPA 8260	0.6	09/23/10 07:29		JRW
Methylene chloride	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.4 U	EPA 8260	0.4	09/23/10 07:29		JRW
o-Xylene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Styrene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Tetrachloroethene	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Toluene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 B13-855-1844 fax 813-855-2218



Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Project Name Groundwater Monitoring Well Analyses - Lena Road Landfill
Sample Description BGW-1 AE 34298
Matrix Groundwater
SAL Sample Number 105347.18
Date/Time Collected 09/15/10 09:22
Date/Time Received 09/17/10 12:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
trans-1,2-Dichloroethene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 07:29		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	09/23/10 07:29		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.3 U	EPA 8260	0.3	09/23/10 07:29		JRW
Trichloroethene	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
Trichlorofluoromethane	ug/l	0.2 U	EPA 8260	0.2	09/23/10 07:29		JRW
Vinyl acetate	ug/l	0.5 U	EPA 8260	0.5	09/23/10 07:29		JRW
Vinyl chloride	ug/l	0.4 U	EPA 8260	0.4	09/23/10 07:29		JRW
Xylenes, Total	ug/l	0.1 U	EPA 8260	0.1	09/23/10 07:29		JRW
<u>Pesticide Analyses</u>							
Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:57	09/24/10 12:30	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	09/25/10 00:57	09/24/10 12:30	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



Manatee County Utility Operations Central Laboratory/ Industrial
Compliance
4751 66th St. W.
Bradenton, FL 34210-

September 30, 2010
Project No: 105347

Laboratory Report

Footnotes

- # Questions regarding this report should be directed to Client Services at 813-855-1844.
- * Test results presented in this report meet all the requirements of the NELAC standards. Test results within this report relate only to these samples.
- ** A statement of estimated uncertainty of test results is available upon request.
- *** For methods marked with ***, all QC criteria have been met for this method which is equivalent to a SAL certified method.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Analyte was undetected. Indicated concentration is method detection limit.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-865-1844 fax 813-865-2218

SAL Project No.

105347

Client Name		Manatee County Utility Operations		Contact / Phone:		Jeff Goodwin 941/792-8811						
Project Name / Location		Groundwater Monitoring Well Analyses - Lena Road Landfill										
Matrix Codes:		PARAMETER / CONTAINER DESCRIPTION										
DW-Drinking Water WW-Wastewater SW-Surface Water SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water												
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab	40mL V, HCl, 8260 Appendix I Organics	40mL V, Cool, 8011 Appendix I Organics	Instructions / Remarks		
	01	GW-1 AE 34299	9-15-10	0957	GW		X	3	2			
	02	GW-2 AE 34308	9-15-10	1023	GW		X	3	2			
	03	GW-3 AE 34309	9-15-10	1057	GW		X	3	2			
	04	GW-4			GW		X	3	2			
	05	GW-5			GW		X	3	2			
	06	GW-6			GW		X	3	2			
	07	GW-7			GW		X	3	2			
	08	GW-8			GW		X	3	2			
	09	GW-9			GW		X	3	2			
	10	GW-10			GW		X	3	2			
	11	GW-11			GW		X	3	2			
	12	GW-12			GW		X	3	2			
Containers Prepared:	HH	Date Time: 8-31-10 1620	Received:	9-1-10	Date Time: 9-1-10					Seal intact?	Y N	EPA 8011: EDB and DBCP only Samples intact upon arrival? Y N Received or Temp. 0.0 Y N Proper preservatives indicated? Y N Rec'd w/ in holding time? Y N Vials rec'd w/ out headspace? Y N Proper containers used? Y N
Relinquished:		Date Time: 9-1-10 1220	Received:	9-1-10	Date Time: 9-1-10							
Relinquished:		Date Time: 9-1-10 1220	Received:	9-1-10	Date Time: 9-1-10							
Relinquished:		Date Time: 9-1-10 1220	Received:	9-1-10	Date Time: 9-1-10							
Relinquished:		Date Time: 9-1-10 1220	Received:	9-1-10	Date Time: 9-1-10							

Chain of Custody

01-03

SAL Project No. 105347

SAL Project No.

Chain of Custody.xls
Rev.Date 11/19/01

Chain of Custody

SOUTHERN ANALYTICAL LABORATORY

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677-1817

SAL Project No. 105347

Client Name		Matrix Code		Contact / Phone:	
Project Name / Location		Matrix Code		Jeff Goodwin 941/792-8811	
Samplers: (Signature) <i>David E. Wolfe</i> Matrix Codes: DW-Drinking Water, WW-Wastewater SW-Surface Water, SL-Sludge, SS-Solid GW-Groundwater, SK-Saline Water, SR- R-Reagent Water		PARAMETER / CONTAINER DESCRIPTION			
SAL Use Only	Sample No.	Matrix Code	Parameter	Container	Remarks
	01	GW-1	AE	2	
	02	GW-2	AE	2	
	03	GW-3	AE	2	
	04	GW-4	AE	2	
	05	GW-5	AE	2	
	06	GW-6	AE	2	
	07	GW-7	AE	2	
	08	GW-8	AE	2	
	09	GW-9	AE	2	
	10	GW-10	AE	2	
	11	GW-11	AE	2	
	12	GW-12	AE	2	
Containers Prepared/Relinquished:		Seal Intact? ☒ Y ☒ N Samples intact upon arrival? ☒ Y ☒ N Received on ice? Temp: <u>2.4</u> ☒ Y ☒ N Proper preservatives indicated? ☒ Y ☒ N Rec'd within holding time? ☒ Y ☒ N Violates rec'd w/out headspace? ☒ Y ☒ N Proper containers used? ☒ Y ☒ N			
Relinquished:		Date/Time: <u>8-31-10</u> Date/Time: <u>9/1/10</u> Date/Time: <u>9/1/10</u> Date/Time: <u>9/24/10</u>			
Relinquished:		Date/Time: <u>9/1/10</u> Date/Time: <u>9/24/10</u>			
Relinquished:		Date/Time: <u>9/1/10</u> Date/Time: <u>9/24/10</u>			
Relinquished:		Date/Time: <u>9/1/10</u> Date/Time: <u>9/24/10</u>			

Chain of Custody

Chain of Custody
 Received by: *David E. Wolfe*
 Date/Time: 9-24-10

SOUTHERN ANALYTICAL
110 BAYVIEW BOULEVARD

SAL Project No. 105347

Client Name		Contact / Phone: Jeff Goodwin 941/792-8811 ext. 5235	
Project Name / Location: Groundwater with filter		PARAMETER / CONTAINER DESCRIPTION	
Samples: (Signature) <u>David E. Wells</u> Matrix Codes: DW-Drinking Water WW-Wastewater SW-Surface Water SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water			
SAL Use Only	Sample No.	Sample Description	PARAMETER / CONTAINER DESCRIPTION
	13	GW-13 AE 34303	40mL V, Cool, 8011+ 40 CFR Part 258 Appendix I Organics
	14	GW-14 AE 34304	
	15	GW-15 AE 34305	
	16	GW-16 AE 34306	
	17	GW-17 AE 34307	
	18	BGW-1 AE 34308	
	19	Field Duplicate	
	20	Field Blank	
	21	Trip Blank	
Containers Prepared/Relinquished:		Instructions / Remarks	
Relinquished: <u>HA</u>		Y: N <u>NA</u> EPA 8011: EDB and DBCP only!	
Relinquished: <u>[Signature]</u>		Y: N <u>NA</u>	
Relinquished: <u>[Signature]</u>		Y: N <u>NA</u>	
Relinquished: <u>[Signature]</u>		Y: N <u>NA</u>	
Relinquished: <u>[Signature]</u>		Y: N <u>NA</u>	
Relinquished: <u>[Signature]</u>		Y: N <u>NA</u>	

Chain of Custody

13-17

CHAIN OF CUSTODY RECORD

Page 1 of 2

9/14/2010 2:59:14 PM

Sampler Signature: Lena E Wells

Print Name: Lena E Wells

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

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

Total Number of Containers: 5

Temperature: _____

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont	Check	Analysis
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE unpreserved; Grab/Comp.	1		TDS
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		NO3IC
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

Lena E Wells

Lena E Wells

Industrial Compliance

9-15-10

10:45

Received By:

Jeff Goodwin

Central Lab

9-17-10

12:11

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

9/14/2010 2:59:14 PM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers:

1

Temperature:

Collection Date

Time

Sample ID

Matrix

Description

Pres., Bottle/Sample Type

Pres
Cont Check

Analysis

9-15-10	0922	AE34298	GW	Lena Road Monitoring Well BGW-1	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-15-10</u>	<u>1215</u>
Received By:	<u>[Signature]</u>	<u>STANISLAW</u>	<u>CENTRA LAB</u>	<u>9-15-10</u>	<u>1220</u>
Relinquished By:					
Received By:					

Comments:

Form FD 9000-24

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: BGW-1	SAMPLE ID: AE 3429F	DATE: 9-15-18	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 8.9	PURGE PUMP TYPE OR BAILER: RFPP
------------------------------	----------------------------------	--	--------------------------------------	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 2164 7.2min
 8.8 11.4 1824 + .34 (only fill out if applicable)
 20.30 feet - static depth = 11.4 feet X 0.16 gallons/foot = 1824 + .34 = 1824.34 gallons
 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:	0708	PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):	
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[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0008;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.018		

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M. David W.	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 0922	SAMPLING ENDED AT: 0926
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PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μ m
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FIELD DECONTAMINATION:	PUMP	☒ Y	☐ N	TUBING	☒ Y	☐ N (replaced)	DUPLICATE:	☒ Y	☐ N
------------------------	------	------------------------------------	-------------------------	--------	------------------------------------	------------------------------------	------------	------------------------------------	-------------------------

[illegible]

REMARKS:

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

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

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

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

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

21.5/10

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers:

10

Temperature: _____

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	#	Pres	Cont	Check	Analysis
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	40 ml glass w/HCl; Grab	5				\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE w/H2SO4 pres.; Grab/Comp.	1				AMM
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE unpreserved; Grab/Comp.	1				TDS
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE unpres.; Grab/Comp.	1				NO3IC
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1				\$ICPWATER TLAA
9-15-10	1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE w/HNO3; Grab/Comp.	1				HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

David E Wells

Prostia Compliance

9-15-10

12:15

Received By:

E. Carson

Prostia

9-17-10

12:20

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Printer Signature: David E Wells

Print Name: DAVID E WELLS

State: FL
County: Alachua
City: Sebring

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

Total Number of Containers: 1

Temperature: _____

Collection Date	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres	Cont Check	Analysis
15-10 1057	AE34309	GW	Lena Road Monitoring Well GW-3	HDPE unpress., Grab/Comp.	1	CLIC	

Signature	Print Name	Company	Date	Time
<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-15-10</u>	<u>12:15</u>
<u>CLIC</u>	<u>CLIC</u>	<u>CLIC</u>	<u>9/17/10</u>	<u>12:2</u>

Notes:

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-3	SAMPLE ID: AF 34309	DATE: 9-15-10	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 5.0	PURGE PUMP TYPE OR BAILER: RFPF
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 5.0 14.56 2.3296 2.6696 (only fill out if applicable) 7.55 M 10
 19.56 feet --static depth = feet X 0.16 gallons/foot = gallons ÷ 34 = 1 purge time = TIME TO PURGE 1(ONE) GALLON MINUTES

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): F	FINAL PUMP OR TUBING DEPTH IN WELL (feet): G	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1054	TOTAL VOLUME PURGED (gallons): 4.76
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.66; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 1054	SAMPLING ENDED AT: 1057
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PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μ m
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FIELD DECONTAMINATION:	PUMP	☒ Y	☐ N	TUBING	☒ Y	☐ N (replaced)	DUPLICATE:	☐ Y	☒ N
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[illegible]

REMARKS:

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

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

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

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

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

pm 9/5/10

CHAIN OF CUSTODY RECORD

9/14/2010 2:55:50 PM

Print Name: DAVID E wells

Sampler Signature: David E Wells

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

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

Total Number of Containers:

10

Temperature:

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	40 ml glass w/HCl; Grab	5	✓	\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE unpreserved; Grab/Comp.	1		TDS
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE unpres.; Grab/Comp.	1		NO3IC
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP/WATER TLAA
9-15-10	1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>DAVID E wells</u>	<u>Environmental Compliance</u>	<u>9-15-10</u>	<u>1215</u>
Received By:	<u>[Signature]</u>	<u>DAVID E wells</u>	<u>Environmental Compliance</u>	<u>9-15-10</u>	<u>1215</u>
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Page 2 of 2

9/14/2010 2:55:50 PM

Printer Signature: David E Wells

Print Name: David E Wells

Alachua County Utilities
 Alachua Laboratory
 166th Street West
 Alachua, FL 32410

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

Total Number of Containers: 1

Temperature: _____

Collection Site	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont Check	Analysis
5-10 1023	AE34308	GW	Lena Road Monitoring Well GW-2	HDPE unpress.; Grab/Comp.	1	CLIC

Signature	Print Name	Company	Date	Time
By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-15-10</u>	<u>12:15</u>
By: <u>SCAANA</u>	<u>SCAANA</u>	<u>Continous</u>	<u>9-15-10</u>	<u>12:20</u>
By: _____				
By: _____				

Notes: _____

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-2	SAMPLE ID: AK 3430P	DATE: 9-15-10	

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):	PURGE PUMP TYPE OR BAILER: RFPF
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 19.41 feet - static depth = 11.01 feet x 0.16 gallons/foot = 1.76 + .34 = 2.106 (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)

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 30 1008	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
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[illegible]

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

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

SAMPLING DATA

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

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

DUPLICATE:	Y	N
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FILTER SIZE: _____ μm

[illegible]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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[illegible]

REMARKS:

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

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

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

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

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

9/5/10

CHAIN OF CUSTODY RECORD

9/14/2010 2:53:10 PM

Sampler Signature: David Wells

Print Name: David Wells

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

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

Total Number of Containers:

10

Temperature:

Collection

Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	40 ml glass w/HCl; Grab	1	☒	\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE w/H2SO4 pres.; Grab/Comp.	1	☐	AMM
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE unpreserved; Grab/Comp.	1	☐	TDS
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1	☐	NO3IC
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	☒	\$ICPWATER TLAA
9-15-10	0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE w/HNO3; Grab/Comp.	1	☒	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David Wells

David Wells

Fudstad Company

9-15-10

1215

Received By:

[Signature]

BLANK

Central

9-15-10

1212

Relinquished By:

[Signature]

BLANK

Central

9-15-10

1212

Received By:

[Signature]

BLANK

Central

9-15-10

1212

Comments:

CHAIN OF CUSTODY RECORD

By Signature: David E Wells

Print Name: David E Wells

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

County Utilities Laboratory
 6th Street West
 Ft. Pierce, FL 34920

Total Number of Containers: 1 Temperature: 10

Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
10 0957	AE34299	GW	Lena Road Monitoring Well GW-1	HDPE unpres.; Grab/Comp.	1		CLIC

By: <u>David E Wells</u>	Signature: <u>David E Wells</u>	Print Name: <u>David E Wells</u>	Company: <u>Industrial Compliance</u>	Date: <u>9-15-10</u>	Time: <u>1215</u>
By: <u>[Signature]</u>	Signature: <u>[Signature]</u>	Print Name: <u>[Signature]</u>	Company: <u>Enviro Care</u>	Date: <u>9/17/10</u>	Time: <u>12:18</u>

Form FD 9000-24
GROUNDWATER SAMPLING LOG

[illegible]

SAMPLING DATA

[illegible]

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

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

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

per - 2/15 (10)

CHAIN OF CUSTODY RECORD

Sampler Signature: David F Wells

Print Name: David F Wells

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

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

Total Number of Containers:

10

Temperature:

1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	40 ml glass w/HCl; Grab	5		\$8011VOCs-CONTRACT \$2581VOCs-CONTRACT
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE unpreserved; Grab/Comp.	1		TDS
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		NO3IC
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE w/HNO3; Grab/Comp.	1	✓	Hg

Signature

Print Name

Company

Date

Time

Relinquished By:

David F Wells

David F Wells

Environmental Compliance

9-22-10

1148

Received By:

ECampbell

ECampbell

9-22-10

1155

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:33:05 AM

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

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

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

Total Number of Containers: 1

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	1004	AE34307	GW	Lena Road Monitoring Well GW-17	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By: <u>David E Wells</u>	<u>DAVID E WELLS</u>	<u>Industrial Company</u>	<u>9-22-10</u>	<u>1148</u>
Received By: <u>Jeff Goodwin</u>	<u>JEFF GOODWIN</u>	<u>Manatee Co</u>	<u>9-22-10</u>	<u>1115</u>
Relinquished By: <u> </u>				
Received By: <u> </u>				

Comments:

CHAIN OF CUSTODY RECORD

Print Name: DAVID FUELLS

Sampler Signature: David S. Fuells

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

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

Total Number of Containers:

10

Temperature:

1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE unpreserved; Grab/Comp.	1		TDS
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		NO3IC
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David S. Fuells

DAVID FUELLS

FRUSTRATED / Frustrated

9-22-10

11:48

Received By:

BOB MARA

BOB MARA

9-22-10

11:53

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Print Name: DAVID E WELLS

Sampler Signature: David E Wells

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

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

Total Number of Containers:

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	0931	AE34306	GW	Lena Road Monitoring Well GW-16	HDPE unpres.; Grab/Comp.	1		CLIC
8-31-10	1605	AE34306	UPW	Twp 13 Black	Young Glass/HCL	1		Twp Bulk

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	DAVID E WELLS	FLUOR DANIEL CAMPBELL	9-22-10	11:48
Received By: <u>DAVID E WELLS</u>	DAVID E WELLS	CENTRA LGS	9-22-10	11:00
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 10

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE unpreserved; Grab/Comp.	1		TDS
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		NO3IC
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By: David E Wells

David E Wells

Technical Compliance

9-22-10

1148

Received By: Blair

Blair

Central CS

9-22-10

1152

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:37:46 AM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers:

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-22-10	0901	AE34305	GW	Lena Road Monitoring Well GW-15	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-22-10</u>	<u>11:48</u>
Received By:	<u>CD Gamm</u>	<u>CD Gamm</u>	<u>Centum Lab</u>	<u>9-22-10</u>	<u>11:50</u>
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

Print Name:

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:

Temperature:

Collection Date

Collection Time

Sample ID

Matrix

Description

Pres., Bottle/Sample Type

#

Pres

Cont

Check

Analysis

9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	40 ml glass w/HCl; Grab	5			\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE w/H2SO4 pres.; Grab/Comp.	1			AMM
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE unpreserved; Grab/Comp.	1			TDS
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE unpres.; Grab/Comp.	1			NO3IC
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1			\$ICPWATER TLAA
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE w/HNO3; Grab/Comp.	1			HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

Received By:

David E Wells

INDUSTRIA / Langhale

9-21-10

1158

Relinquished By:

David E Wells

Central Cas

9-21-10

1153

Received By:

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:41:44 AM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 1

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-21-10	0845	AE34300	GW	Lena Road Monitoring Well GW-10	HDPE unpress.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-21-10</u>	<u>11:58</u>
Received By:	<u>Ed Canal</u>	<u>Ed Canal</u>	<u>Ed Canal</u>	<u>9-21-10</u>	<u>11:13</u>
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:41:00 AM

Sampler Signature: David E Wells

Print Name: DAVID E Wells

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

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

Total Number of Containers:

10

Temperature:

1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	40 ml glass w/HCl; Grab	1		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE unpreserved; Grab/Comp.	1		TDS
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1		NO3IC
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-21-10	0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE w/HNO3; Grab/Comp.	1	✓	Hg

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>David E Wells</u>	<u>Idoustal Company</u>	<u>9-21-10</u>	<u>11:58</u>
Received By:	<u>BT Cannon</u>	<u>BT Cannon</u>	<u>Idoustal Company</u>	<u>9-21-10</u>	<u>11:58</u>
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:41:01 AM

Print Name: David E Wells

Signature: [Signature]

ae County Utilities
 Laboratory
 16th Street West
 tion, FL 34210

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

Total Number of Containers: 1

Temperature: 1

on Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
0926	AE34301	GW	Lena Road Monitoring Well GW-11	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
By: <u>[Signature]</u>	<u>David E Wells</u>	<u>Prostate Cancer Center</u>	<u>9-21-10</u>	<u>1158</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>Centric Lab</u>	<u>9-21-10</u>	<u>1139</u>

By: _____

CHAIN OF CUSTODY RECORD

9/14/2010 2:57:30 PM

Sampler Signature: David E Wells

Print Name: DAVID E WELLS

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

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

Total Number of Containers:

10

Temperature:

1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	HDPE unpreserved; Grab/Comp.	1		TDS
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	HDPE unpres.; Grab/Comp.	1		NO3IC
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-20-10	0828	AE34310	GW	Lena Road Monitoring Well GW-4	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E WELLS

Industrial Compliance

9-20-10

11:58

Received By:

BOA/MWA

BOA/MWA

9-20-10

11:58

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: James E Wells

Print Name: DAVID E WELLS

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

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

Total Number of Containers: 1
Temperature: 10

Collection		Sample ID	Matrix	Description	Pres., Bottle/Sample Type		#	Cont Check		Analysis
Date	Time				HDPE unpres.	Grab/Comp.				
9-20-10	8:28	AE34310	GW	Lena Road Monitoring Well GW-4				1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

James E Wells

DAVID E WELLS

Industrial Compliance

9-20-10

11:58

Received By:

Carl

SCANNING

Central Lab

9-20-10

12:00

Relinquished By:

Received By:

Comments:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-4	SAMPLE ID: AE 34310	DATE: 9-20-10	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 8.2	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 = 11.43 feet X 0.16 gallons/foot = 1.8288 + .34 (only fill out if applicable) 6.37 min
 gallons + .34 = 1 purge time = TIME TO PURGE 1(ONE) GALLON _____ MINUTES

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.32 081504	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0828	TOTAL VOLUME PURGED (gallons): 4.42
--	---	-------------------------------	---------------------------	--

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0008;	3/16" = 0.0014;	1/4" = 0.0028;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W		SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>		SAMPLING INITIATED AT: 0825	SAMPLING ENDED AT: 0832
PUMP OR TUBING DEPTH IN WELL (feet): 10		TUBING MATERIAL CODE:		FIELD-FILTERED: Y (N)	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N		TUBING Y (N (replaced))		DUPLICATE: Y (N)	

[illegible]

REMARKS:

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

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

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

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

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

9/26/20

CHAIN OF CUSTODY RECORD

Page 1 of 2

9/14/2010 2:58:19 PM

Sampler Signature: David E Wells

Print Name: DAVID E Wells

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

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

Total Number of Containers: 10

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE unpreserved; Grab/Comp.	1		TDS
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	1		NO3IC
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICPWATER TLAA
9-20-10	0859	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:	<u>David E Wells</u>	<u>DAVID E Wells</u>	<u>Manatee County Utilities</u>	<u>9-20-10</u>	<u>1058</u>
Received By:	<u>[Signature]</u>	<u>DAVID E Wells</u>	<u>Manatee County Utilities</u>	<u>9-20-10</u>	<u>1200</u>
Relinquished By:					
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

9/14/2010 2:58:19 PM

Sampler Signature:

David E Wells

Print Name:

DAVID E wells

Alachua County Utilities
 Central Laboratory
 166th Street West
 Jensen, FL 34210

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

Total Number of Containers:

1

Temperature:

1

Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-10-10 08:59	AE34311	GW	Lena Road Monitoring Well GW-5	HDPE unpres.; Grab/Comp.	<i>1</i>		CLIC

Signature

Print Name

Company

Date

Time

By:

David E Wells

DAVID E wells

Industrial Compliance

9-20-10

11:58

By:

STANARD

STANARD

9-20-10

2:00

By:

By:

nts:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-5	SAMPLE ID:		DATE: 9-20-70

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 7.8	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	---	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 19.66 feet - static depth = 7.5 feet X 0.16 gallons/foot = 11.86 gallons + .34 = 1.6976 gallons + .34 = 2.0376 gallons
 2.0376 gallons / 1.0 gallon = 2.0376 purges
 2.0376 purges X 7.715 minutes = 15.71 minutes

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	9	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	7	PURGING INITIATED AT:	0845	PURGING ENDED AT:	0857	TOTAL VOLUME PURGED (gallons):	4.06
--	---	--	---	-----------------------	------	-------------------	------	--------------------------------	------

[illegible]

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>	SAMPLING INITIATED AT: 0859	SAMPLING ENDED AT: 0903
--	--	-----------------------------	-------------------------

PUMP OR TUBING DEPTH IN WELL (feet): 9		TUBING MATERIAL CODE:		FIELD-FILTERED: Y N		FILTER SIZE: ____ μm	
FIELD DECONTAMINATION:		PUMP Y N		TUBING Y N (replaced)		DUPLICATE: Y N	

[illegible]

REMARKS:

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

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

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

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

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

per 7/20/10

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 10

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	40 ml glass w/HCl; Grab	5		\$8011 VOCS-CONTRACT \$2581 VOCS-CONTRACT
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE unpreserved; Grab/Comp.	1		TDS
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE unpres.; Grab/Comp.	1		NO3IC
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP WATER TLAA
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

David E Wells

Industrial Compliance

9-20-10

1158

Received By:

SCARLETT

Central Lab

9-20-10

1200

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Page 2 of 2
9/15/2010 1:06:01 PM

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

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

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

Total Number of Containers: 1 Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	0928	AE34312	GW	Lena Road Monitoring Well GW-6	HDPE unres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>DAVID E Wells</u>	<u>FluorSulfa Compliance</u>	<u>9-20-10</u>	<u>11:50</u>
Received By: <u>Carl</u>	<u>BLANK</u>	<u>Cent on Car</u>	<u>9-20-10</u>	<u>12:00</u>
Relinquished By:				
Received By:				

Comments: _____

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-6	SAMPLE ID: AF 34312	DATE: 9-20-0	

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.28 feet	STATIC DEPTH TO WATER (feet): 8	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	------------------------------------	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 $19.54 \text{ feet} - 8 \text{ feet} = 11.54 \text{ feet}$
 $11.54 \text{ feet} \times 0.16 \text{ gallons/foot} = 1.8464 \text{ gallons}$
 $1.8464 \text{ gallons} \div 0.34 \text{ /purge time} = 5.43 \text{ minutes}$

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0914 ²⁰	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
---	---	--	-------------------	--------------------------------

[illegible]

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M. David W.	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
--	--	------------------------	--------------------

PUMP OR TUBING DEPTH IN WELL (feet):	10	TUBING MATERIAL CODE:	303	FIELD-FILTERED: Y N	FILTER SIZE: _____ μ m
Filtration Equipment Type:					

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			

[illegible]

REMARKS:

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

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

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

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

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

pb 9/20/11

CHAIN OF CUSTODY RECORD

9/15/2010 1:07:12 PM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 10

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont Check	Analysis
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	40 ml glass w/HCl; Grab	5	\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	HDPE w/H2SO4 pres.; Grab/Comp.	1	AMM
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	HDPE unpreserved; Grab/Comp.	1	TDS
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1	NO3IC
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	\$ICPWATER TLAA
9-20-10	0958	AE34313	GW	Lena Road Monitoring Well GW-7	HDPE w/HNO3; Grab/Comp.	1	HC

Signature

Print Name

Company

Date

Time

Relinquished By: David E Wells

Received By: David E Wells

Relinquished By: David E Wells

Received By: David E Wells

Comments:

CHAIN OF CUSTODY RECORD

9/15/2010 1:07:12 PM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 1

Temperature: 1

Collection Date		Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	0958		AE34313	GW	Lena Road Monitoring Well GW-7	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E WELLS

Industrial Compliance

9-20-10

1158

Received By:

CLANADA

CLANADA

Central Lab

9-20-10

12:01

Relinquished By:

Received By:

Comments:

GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-7	SAMPLE ID: AF 34313	DATE: 9/20/16	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

for 9/20/17

CHAIN OF CUSTODY RECORD

Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 10
Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	40 ml glass w/HCl; Grab	5		\$8011/VOCS-CONTRACT \$2581/VOCS-CONTRACT
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE unpreserved; Grab/Comp.	1		TDS
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1		NO3IC
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP/WATER TLAA
9-20-10	1036	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE w/HNO3; Grab/Comp.	1	✓	RG

Relinquished By: <u>David E Wells</u>	Signature	Print Name	Company	Date	Time
Received By: <u>David E Wells</u>	<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-20-10</u>	<u>1158</u>
Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-20-10</u>	<u>12:02</u>
Received By:					

Comments:

CHAIN OF CUSTODY RECORD

9/15/2010 1:08:17 PM

Signature: David E Wells

Print Name: David E Wells

Se County Utilities
Laboratory
6th Street West
ton, FL 34210

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

Total Number of Containers:

Temperature:

1

Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Pres Cont Check	Analysis
10:30	AE34314	GW	Lena Road Monitoring Well GW-8	HDPE unpres.; Grab/Comp.	1	CLIC

Signature	Print Name	Company	Date	Time
<u>David E Wells</u>	David E Wells	Environmental Compliance	9-20-10	11:58
<u>Blair</u>	Blair	Centra Labs	9-20-10	12:01

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-8	SAMPLE ID: AF 34314	DATE: 9-20-10	

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 12.5	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	--	------------------------------------

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): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	PURGING INITIATED AT: 1024	PURGING ENDED AT: 1036	TOTAL VOLUME PURGED (gallons): 345
--	--	-------------------------------	---------------------------	---------------------------------------

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

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

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

PUMP OR TUBING DEPTH IN WELL (feet): 14.5	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

SAMPLING	SAMPLE PUMP
----------	-------------

[illegible]

REMARKS:

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

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

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

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

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

9/10/00

CHAIN OF CUSTODY RECORD

9/15/2010 1:53:41 PM

Sampler Signature: David E Wells

Print Name: David E Wells

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

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

Total Number of Containers: 10

Temperature: 10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	40 ml glass w/HCl; Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE unpreserved; Grab/Comp.	1		TDS
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE unpres.; Grab/Comp.	1		NO3IC
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	\$ICP WATER TLAA
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

Received By:

David E Wells

Relinquished By:

David E Wells

Received By:

David E Wells

Comments:

Signature	Print Name	Company	Date	Time
<u>David E Wells</u>	<u>David E Wells</u>	<u>Industrial Compliance</u>	<u>9-20-10</u>	<u>1158</u>
<u>David E Wells</u>	<u>David E Wells</u>	<u>Central Lab</u>	<u>9-20-10</u>	<u>12:00</u>

CHAIN OF CUSTODY RECORD

9/15/2010 1:53:41 PM

Sampler Signature: David E. Wells

Print Name: David E. Wells

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

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

Total Number of Containers: 1

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-20-10	1103	AE34315	GW	Lena Road Monitoring Well GW-9	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Signature	David E. Wells	Industrial Compliance	9-20-10	1158
Signature	Blanca	Central Lab	9-20-10	12:00

Signature

Signature

Signature

Signature

Comments:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-9	SAMPLE ID: AE 34315	DATE: 9-20-10	

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): 11.2	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	---------------------------------------	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 11.2 9.36 1.4976 (only fill out if applicable) 1.8376
 20.56 feet - static depth = feet X 0.16 gallons/foot = gallons ÷ .34 = 1 purge time = TIME TO PURGE 1(ONE) GALLON MINUTES

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1103	TOTAL VOLUME PURGED (gallons):
---	---	-------------------------------	---------------------------	-----------------------------------

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.85; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>	SAMPLING INITIATED AT: 1103	SAMPLING ENDED AT: 1107
--	--	-----------------------------	-------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μ m
---	--------------------------	--	----------------------------

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

[illegible]

REMARKS:

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

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

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

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

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

Page 9/20/...

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

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

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

Total Number of Containers: 10

Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	#	Pres	Cont	Check	Analysis
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	40 ml glass w/HCl; Grab	5				\$8011 VOCS-CONTRACT \$2581 VOCS-CONTRACT
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓			AMM
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	HDPE unpreserved; Grab/Comp.	1				TDS
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1				NO3/C
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓			\$ICP WATER TLAA
9-21-10	1025	AE34303	GW	Lena Road Monitoring Well GW-13	HDPE w/HNO3; Grab/Comp.	1	✓			HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

Industrial Compliance

9-21-10

11:58

Received By:

Ed Carraway

Ed Carraway

Central Lab

9-21-10

11:13

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

8/16/2010 8:39:24 AM

Print Name: DAVID E WELLS

Sampler Signature: David E Wells

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

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

Total Number of Containers: 1 Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-24-10	1025	AE34303	GW	Lana Road Monitoring Well GW-13	HDPE unpres.; Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	DAVID E WELLS	INDUSTRIAL COMPLIANCE	9-21-10	11:58
Received By: <u>Bob Carroll</u>	BOB CARROLL	Central Gas	9-21-10	11:53
Relinquished By:				
Received By:				

Comments:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-13	SAMPLE ID: AE 34303	DATE: 9-21-10	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

24-9(2010)

CHAIN OF CUSTODY RECORD

8/16/2010 8:40:12 AM

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

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

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

Total Number of Containers:

10

Temperature:

1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	40 ml glass w/HCl Grab	5		\$8011VOCS-CONTRACT \$2581VOCS-CONTRACT
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE w/H2SO4 pres.; Grab/Comp.	1		AMM
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE unpreserved; Grab/Comp.	1		TDS
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		NO3C
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1		\$10P WATER TLAA
9-21-10	0957	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE w/HNO3; Grab/Comp.	1		HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

Industrial Compliance

9-21-10

1158

Received By:

Ed Arnold

Central Co

9-21-10

11:30

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Page 2 of 2
8/16/2010 8:40:12 AM

Sampler Signature: David E Wells

Print Name: David E Wells

Sanatee County Utilities
Central Laboratory
151 66th Street West
Tomball, FL 34210

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

Total Number of Containers: 1

Temperature: 1

Collection Date	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
21-10-0757	AE34302	GW	Lena Road Monitoring Well GW-12	HDPE unpres.; Grab/Comp.	1		CLIC

Signature

Print Name

Company

Date

Time

Issued By: <u>David E Wells</u>	<u>David E Wells</u>	<u>Sanatee County Utilities</u>	<u>8-21-10</u>	<u>11:58</u>
Received By: <u>[Signature]</u>	<u>BOA...</u>	<u>Carroll</u>	<u>8-21-10</u>	<u>11:59</u>

Issued By:

Received By:

Form FD-9000-24

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-12	SAMPLE ID: AF 34302	DATE: 9-21-10	

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): 10.7	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	--	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY $\div$.27 6.93 min

10.7 9.57 1.5312 + .34 1.8712 (only fill out if applicable)

20.27 feet - static depth = feet X 0.16 gallons/foot = gallons + .34 = 1 purge time = TIME TO PURGE 1(ONE)GALLON MINUTES

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 0944	PURGING ENDED AT: 0957	TOTAL VOLUME PURGED (gallons): 374
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[illegible]

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W		SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>		SAMPLING INITIATED AT: 0957	SAMPLING ENDED AT: 1001
PUMP OR TUBING DEPTH IN WELL (feet): 13		TUBING MATERIAL CODE:	FIELD-FILTERED: Y ☒ N ☒	FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP Y ☒ N ☐		TUBING Y ☒ N (replaced) ☐		DUPLICATE: Y ☒ N ☐	

[illegible]

REMARKS:

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

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

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

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

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

PH-9/2010

CHAIN OF CUSTODY RECORD

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

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

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

Total Number of Containers: 10 Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	#	Pres Cont	Check	Analysis
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	40 ml glass w/HCl; Grab	5			\$8011VOCs-CONTRACT \$2581VOCs-CONTRACT
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE w/H2SO4 pres.; Grab/Comp.	1			AMM
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE unpreserved; Grab/Comp.	1			TDS
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE unpres.; Grab/Comp.	1			NO3IC
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1			\$ICP WATER TLAA
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE w/HNO3; Grab/Comp.	1			HG

Signature	Print Name	Company	Date	Time
<u>David E Wells</u>	<u>DAVID E Wells</u>	<u>INDUSTRIAL COMPLAINT</u>	<u>9-21-10</u>	<u>1158</u>
<u>Blank</u>	<u>Blank</u>	<u>Cont. M. Cap</u>	<u>9-21-10</u>	<u>1159</u>
Relinquished By:				
Received By:				
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

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

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

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

Total Number of Containers: 1 Temperature: 1

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
9-21-10	1058	AE34304	GW	Lena Road Monitoring Well GW-14	HDPE unpres.: Grab/Comp.	1		CLIC

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	DAVID E WELLS	INDUSTRIAL COMPLIANCE	9-21-10	1158
Received By: <u>Barbara</u>	BARBARA	CENTIM CO	9-21-10	1153
Relinquished By:				
Received By:				

Comments:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-14	SAMPLE ID: AE 34304	DATE: 9-21-10	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.78 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 6.7	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	---	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 2.572

$$6.2 \text{ } 13.95 \text{ } 2.232 + .34 \text{ } \text{(only fill out if applicable)} \text{ } -.26 \text{ } 984 \text{ } \text{min}$$

 20.15 feet - static depth = 6.2 feet X 0.16 gallons/foot = 1.0 gallons + .34 = 1.34 gallons / 1.34 gallons = 1.0 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)

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	9	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	9	PURGING INITIATED AT:	30 1043	PURGING ENDED AT:	1058	TOTAL VOLUME PURGED (gallons):	4.16
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[illegible]

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>	SAMPLING INITIATED AT: 1058	SAMPLING ENDED AT: 1102
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PUMP OR TUBING DEPTH IN WELL (feet):	9	TUBING MATERIAL CODE:	FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:	FILTER SIZE: _____ μm
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FIELD DECONTAMINATION:	PUMP	(Y)	N	TUBING	Y	(N(replaced))	DUPLICATE:	Y	(N)
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[illegible]

REMARKS:

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

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

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

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

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

9/20/10

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-10	SAMPLE ID: AE 34300	DATE: 9-21-10	

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): 10.3	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	---------------------------------------	------------------------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 10.3 9.85 0 1.576 + .34 (only fill out if applicable)
 20.15 feet - static depth = feet X 0.16 gallons/foot = gallons + .34 = 1 purge time = TIME TO PURGE 1(ONE) GALLON MINUTES

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

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

1.976 1.21 = 9.12 ml

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 0830	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Peter M David W	SAMPLER(S) SIGNATURE(S): <i>Peter M David W</i>	SAMPLING INITIATED AT: 0845	SAMPLING ENDED AT: 0849
--	--	-----------------------------	-------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	12	TUBING MATERIAL CODE:	FIELD FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μ m
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FIELD DECONTAMINATION:	PUMP	<u>Y</u>	N	TUBING	Y	<u>N (replaced)</u>	DUPLICATE:	Y	<u>N</u>
------------------------	------	----------	---	--------	---	---------------------	------------	---	----------

[illegible]

REMARKS:

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

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

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

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

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

for 9/21/11

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-11	SAMPLE ID: AF 34301	DATE: 9-21-10	

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): 7.9	PURGE PUMP TYPE OR BAILER: RPPP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 21.61 feet - static depth = 7.9 feet X 0.16 gallons/foot = 1.272 gallons + .34 = 1.612 gallons 1.612 gallons / 0.16 gallons/foot = 10.075 feet 10.075 feet / 10.13 min = 0.994 minutes				

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	18	PURGING INITIATED AT:	09/12	PURGING ENDED AT:	0926	TOTAL VOLUME PURGED (gallons):	4.0
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[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0008;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

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

SAMPLING DATA

[illegible]

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

pm 9/21/13

SITE NAME: LENA ROAD LANDFILL		SITE LOCATION:	
WELL NO: GW-17	SAMPLE ID: AF 34307	DATE: 8-22-10	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 34.76 feet to 19.26 feet	STATIC DEPTH TO WATER (feet): 8.8	PURGE PUMP TYPE OR BAILER: RFPF
------------------------------	----------------------------------	--	--------------------------------------	------------------------------------

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

[illegible]

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

SAMPLED BY (PRINT) / AFFILIATION: Peter M. David W.		SAMPLER(S) SIGNATURE(S): <i>David E. Williams</i>		SAMPLING INITIATED AT: 1004	SAMPLING ENDED AT: 1008
PUMP OR TUBING DEPTH IN WELL (feet): 11		TUBING MATERIAL CODE:		FIELD-FILTERED: Y (N)	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N		TUBING Y N (replaced)		DUPLICATE: Y (N)	

[illegible]

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

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

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

9/22/01

PERSONNEL ACTION REQUEST FORM**FORM STATUS: VIEW****APPOINTMENTS****Completed**

This screen may contain information that is confidential under state or federal law. Improper access or release of such information may be a violation of these laws.

Exit

View PDF

Accessed by: MARY YEARGAN

I-PAR form 01475822 was completed. Press the EXIT button to leave the PAR. Do not use the back button.

Type of Action

Appointments	Reason	Effective Date	Form Number
Orig Appt - CS & CS Comparable		01/12/2015	01475822

Name

Employee ID
01091578

SSN

First Name

Middle Name

Last Name

SCOTT *

T *

BORDERIEUX

New Position

Position Title	Position Number	Pay Band/Grade	Position FTE
ENVIRONMENTAL SPECIALIST II	37010246	008	1.00
Broadband/Class Title	Broadband/Class Number	Job Type	Employee FTE
ENVIRONMEN SCIENTIST & SPEC, INCL HLTH	19-2041-02	Career Service	1.00
Agency	FLAIR Org Code	Salary Range	Position Overla
DEP - Environmental Protection	37163500000	30,622 - 88,572	
Bureau/Office	City	County	
SW DISTRICT/ WATER FACILITIES	TEMPLE TERRACE	029	
Office Location	Telephone No		
99999	813-470-5762		

Salary

	CURRENT	NEW Monthly
Period		
Base Salary		3033.99
Lead-Worker Duties		
Legislative Approved		
Critical Market Pay		
Hazardous Duties		
Trainer Duties		
Temp Spec Duties(TSD)-Gen		
TSD -Absent Coworker		
Comp Area Diff(CAD)		
Total Period Salary	0.00	3033.99



Florida Department of Environmental Protection

DEP EMPLOYMENT FORM

Required Signatures: Adobe Signature

Scott Borderieux

Employee Name

Position Number

Select One

Employment Type

1-12-15

Hire Date

DEP Key Directives

I have been provided links to the following key DEP Directives and understand that, if I have questions, it is my responsibility to request clarification from my supervisor or from the Bureau of Human Resource Management:

DEP 202, Code of Ethics

DEP 390, Information Resources Security Policies and Standards

DEP 420, Drug-Free Workplace and Drug Testing

DEP 421, Violence-Free Workplace Policy

DEP 425, Attendance and Leave

DEP 435, Conduct of Employees

DEP 436, Discrimination and Harassment

DEP 366, Smoking Policy

DEP Handbook

As a DEP employee, I have been provided access to the DEP Employee Handbook, (FTE or OPS) which includes important information about my rights, responsibilities and potential consequences relative to these matters.

Public Records Exemption

Under Florida's Public Record Law, Chapter 119, F.S., employee personnel files are open to public inspection. However, ALL State of Florida employees **social security numbers, driver's license numbers, and medical information (including pre-tax deductions for Division of State Group Insurance plans)** are confidential and exempt from public records inspections.

Florida law also provides additional exemptions for certain positions, like sworn law enforcement personnel *and* their spouses and children, which means additional specific employee information is exempt from public records requests. These exemptions may include the home addresses, telephone numbers, photographs of some employees and that of their spouse and children. The names and locations of schools and day care facilities of their children are also exempt. You may view the exemption details provided in Chapter 119.071(4)(d), F.S. and as outlined on this form.

Please review the qualifying criteria for public records exemption. If you meet the criteria for public records exemption, select the applicable category or categories for any of the qualifying criteria you meet (Sworn/Certified, Restricted Employee, Restricted Relative or Protected Identity).



NO, I do not meet any of the criteria for public records exemption.



YES, I qualify for public records exemption because I meet one or more of the following categories:

☐

Sworn/Certified

☐

Restricted Employee

☐

Restricted Relative

☐

Protected Identity

DEP EMPLOYMENT FORM – Continued
BHRM-DEP_54-617

Leave Accrual Eligibility
(Applies to CS/SES/SMS Employees Only)

In accordance with Rule 60L-34.004, Florida Administrative Code (F.A.C.), an employee filling a regular (non-OPS) position at any agency in the State Personnel System, the State Court System, the Justice Administration Commission, the Legislature, the Florida Lottery, a state university or the State Board of Administration shall be entitled to utilize all previous state government creditable service for determining eligibility for higher annual leave credits. *(Please note that prior employment with the city and county service, water management districts and community colleges may count toward retirement credit, but is excluded from earning higher annual leave credits)*

Upon receipt of this information, prior FTE service will be verified with the appropriate agency. Once verification is received, the leave accrual date and/or transfer of sick leave credits will be adjusted as warranted.

- ☒ **NO**, I have not had any previous FTE service with 1 State of Florida Agency or State University.
- ☐ **YES**, I was previously employed in an FTE position that qualifies for earning higher annual leave credits as follows:

Most Recent State of Florida Agency or State University

Job Start Date

Job End Date

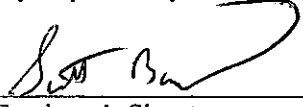
Select Most Recent

Name, if different, during this employment: _____

Oath of Loyalty

I am a citizen of the state of Florida or authorized non-citizen of the State of Florida and of the United States of America and being employed by or an officer of the Department of Environmental Protection, I am a recipient of public funds and do hereby solemnly swear and affirm that I will support the Constitutions of the United States of America and the State of Florida.

My signature below acknowledges my confirmation to the above Oath of Loyalty, information completed in this form and my responsibility to review and comply with all Department Directives, Policies and the DEP Handbook.



Employee's Signature

1-13-15

Date

This form should be submitted HR_PayrollandBenefits@dep.state.fl.us