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GW SW

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Dept. of Environmental Protection

JAN 12 2007

Southwest District

JRM 1/12/07

January 10, 2007

Mr. John Morris, P.G.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: Semi-Annual Water Quality Monitoring Report
Second Half 2006 Sampling Event
Lena Road Landfill
GMS ID No. 4041M02025
Modification #39884-012-SO/MM to existing FDEP Permit No. 39884-010-SO/01

Dear Mr. Morris:

On behalf of the Solid Waste Division of Manatee County's Utility Operations Department, PBS&J is pleased to present this Semi-Annual Water Quality Monitoring Report for the second half 2006 sampling event at the Lena Road Landfill (LRL) in Manatee County. This document is designed to meet the requirements of Specific Condition 11 of the modification referenced above to LRL's permit, and was prepared in general accordance with the guidelines promulgated in Chapter 62-701.510(9)(a) of the Florida Administrative Code (FAC).

BACKGROUND

The LRL facility is located at 3333 Lena Road in Bradenton, Florida. The LRL facility operates under Permit Number 39884-010-SO, which is on file with the Florida Department of Environmental Protection (FDEP). The LRL is constructed with a perimeter slurry wall in three stages that are designated Stages I, II and III. Landfill leachate is collected by a leachate collection system.

The water quality monitoring network at the LRL consists of the following components:

- The leachate samples are collected from the lift stations.
- Groundwater samples are collected from 18 monitoring wells, which are designated GW-1 through GW-17, and BGW-1. All of the wells are used to monitor the quality of the groundwater of the surficial aquifer. GW-1 through GW-17 are detection wells, and BGW-1 is the designated background well.
- The surface water samples are collected from two points along the Cypress Strand. One is located upstream of the LRL and is designated SW-2, and the other, designated SW-1, is located downstream of the LRL.

AUGUST 2006 SAMPLING EVENT

RESULTS NOT PROVIDED ON REPORT FORM FORMAT

1 OF 18 WELLS REPORTED ELEVATED TURBIDITY

Ø OF 18 WELLS REPORTED ELEVATED DO.

NEW SURVEY FOR GW-11 NOT REFLECTED ON FIELD LOG & LAB REPORT

ELEVATED MDLs REPORTED FOR EDB & DBCP

VOC ANALYSES SUBCONTRACTED TO STL LABS

NOT ALL FIELD LOGS INDICATE COMPLIANCE W/ VOC's COLLECTION

The layout of the water quality monitoring network is presented in Figure 1.

Because leachate, is only collected annually and was collected during the first half 2006 sampling event, only groundwater and surface water samples were collected during the second half 2006 sampling event. The samples were collected by representatives of Southern Analytical Laboratories, Inc. during the period between August 21 and August 23, 2006 The samples were analyzed for the inorganic parameters by Manatee County Utility Operations' Central Wastewater Laboratory, and were analyzed for the other parameters by Southern Analytical Laboratories, Inc. The surface water and groundwater samples were analyzed for the parameters listed in Specific Conditions 9(c) and 4 (c), respectively, of the LRL's permit modification.

A Florida Department of Environmental Protection (FDEP) Ground Water Monitoring Report form for the second half 2006 sampling event at the LRL is provided in Attachment A.

SECOND HALF 2006 SAMPLING EVENT METHODOLOGY

The samples were collected in general accordance with the FDEP's Standard Operating Procedure for Field Activities (SOP 001/01). Prior to sampling the monitoring wells, they were purged with a peristaltic pump using the "low-flow" method. A minimum equivalent of three well volumes was purged from each well prior to sample collection. Temperature, pH, conductivity, dissolved oxygen (DO), and turbidity measurements were monitored and recorded throughout the purging process to ensure that representative water samples were collected. Copies of the field data sheets and the field equipment calibration logs from this sampling event are provided in Attachment B.

Depth-to-groundwater measurements were made from the top-of-casing (TOC) at each monitoring well prior to initiating the purging process. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well. The TOC and water level elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD).

SECOND HALF 2006 SAMPLING EVENT RESULTS

Groundwater Analytical Results

There were no organic parameters detected in the groundwater samples during this sampling event. All of the inorganic parameters except beryllium, cadmium, lead and mercury were detected in at least one sample.

All of the parameters detected in the groundwater samples were compared to their respective Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS) in accordance with the solid waste regulations. The MCLs and SDWSs for Drinking Water Standards, Monitoring, and Reporting are promulgated in Chapter 62-550 FAC. Not every parameter has an MCL or SDWS. Five parameters, pH, arsenic, chloride, iron, and TDS, were detected in at least one well location at a concentration that exceeds the standards. A description of the detection patterns with these parameters is as follows:

- pH – The pH was lower than the prescribed SDWS range of 6.5 to 8.5 at GW-11, GW-12, GW-14, GW-17, and BGW-1 (background well).

- Arsenic – The MCL for arsenic is 0.01 milligrams per liter (mg/L). The arsenic concentration in the samples collected at GW-1, GW-2, GW-9, GW-10, GW-11, GW-12, GW-14, and GW-15 exceeded the MCL.

- Chloride – Chloride has an SDWS of 250 mg/L. The concentration of chloride exceeded the SDWS in the sample collected at GW-14.

- Iron – Iron has an SDWS of 0.3 mg/L. The concentration of iron exceeded the SDWS in the samples collected at all of the wells except GW-7.

- TDS - TDS has an SDWS of 500 mg/L. The concentration of TDS exceeded the SDWS in the samples collected at GW-1, GW-3, GW-6, GW-8, and GW-10 through GW-15.

A summary of the groundwater analytical results is presented in Table 1, and the complete groundwater analytical report is provided in Attachment C-1.

Surface Water Analytical Results

There were no organic constituents detected in the surface water. All of the inorganic parameters except antimony, beryllium, cadmium, cobalt, lead, mercury, and silver were detected in at least one of the surface water samples. The concentrations of the inorganic parameters were compared to their respective Surface Water Cleanup Target Levels (SWCTLs) for Class III fresh

water as a relative measure of the water quality. The SWCTLs are promulgated in Chapter 62-777, FAC. The only parameter that was detected in the surface water at a concentration in excess of its SWCTL was iron. The field dissolved oxygen (DO) readings at both surface water samples were also lower than the target level. It should also be noted that the minimum detection limits for the lead, mercury, and silver concentrations tests conducted on the surface water samples were higher than the regulatory standards.

A summary of the surface water analytical results for each sampling event is presented in Table 2. The complete surface water analytical report is provided in Attachment C-2.

Groundwater Flow Pattern

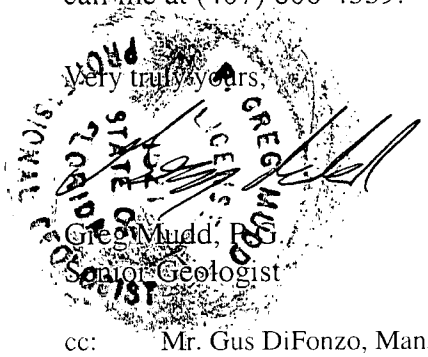
The groundwater elevation data is presented in Table 3. The water level elevation data was plotted and contoured to generate the water table elevation contour map presented as Figure 2. The configuration of the water table indicates that the groundwater within the surficial aquifer beneath the LRL (outside the boundary of the landfill) was flowing in a north-northwesterly direction during this sampling event. The average horizontal gradient of the water table across the site measured 0.0012 feet per foot (ft/ft).

SUMMARY AND CONCLUSIONS

The results of the second half 2006 sampling event at the LRL are similar to those of the recent sampling events, with numerous inorganic parameter detections along with a few organic detections in the groundwater and surface water. The only parameters that were detected at concentrations in excess of the State regulatory standards were inorganic parameters, including pH, arsenic, chloride, iron, and TDS in the groundwater and iron in the surface water.

If you have any questions regarding this report or need any additional information then please call me at (407) 806-4339.

Very truly yours,



Greg Mudd, P.G.
Senior Geologist

cc: Mr. Gus DiFonzo, Manatee County Solid Waste Division
File, 100931.01 0300

TABLES

	Well:		GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10	GW-11[3]	GW-12	GW-13	GW-14	GW-15	GW-16	GW-17	BGW-1
	Sample Identifier:		21593	21594	21595	21596	21597	21598	21599	21600	21601	21602	21603	21604	21605	21606	21607	21608	21609	21610
	Date of Test:		8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06
	Standard[1]	Units																		
2-Hexanone		ug/l	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
4-Methlyl-2-pentanone		ug/l	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
Acrylonitrile		ug/l	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Benzene	1	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bromochloromethane		ug/l	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Bromodichloromethane		ug/l	<0.35	<0.35	<0.35	<0.35	<.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Carbon Disulfide		ug/l	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
Carbon tetrachloride	3	ug/l	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Chlorobenzene	100	ug/l	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
Chloroethane		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane		ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	ug/l	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65
cis-1,3-Dichloropropene		ug/l	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Dibromochloromethane		ug/l	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Dibromomethane		ug/l	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Dichloromethane	5	ug/l	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzene	700	ug/l	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Iodomethane		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	100	ug/l	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
t-1,4-Dichloro-2-butene		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	3	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	1000	ug/l	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	0.82	0.69	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
trans-1,2-Dichloroethene	100	ug/l	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
trans-1,3-Dichloropropene		ug/l	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Tribromomethane		ug/l	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Trichloroethene	3	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloromethane		ug/l	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
Vinyl acetate		ug/l	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Vinyl chloride	1	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Total xylenes	10000	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylene dibromide		ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloropropane		ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

[1] Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS), as established in Chapter 62-550.

[2] As measured from the top of well casing.

[3] Monitoring well GW 11 has not been installed and therefore, no data is available.

[4] Monitoring well GC-6 was sampled for data purposes due to its proximity to the GW-11 well location.

[5] Sulfide data collected on 12/22-23/05.

Shaded data indicates an excedence of either the MCL or SDWS

Table 1 - Lena Road Groundwater Analytical Summary
Second Half 2006

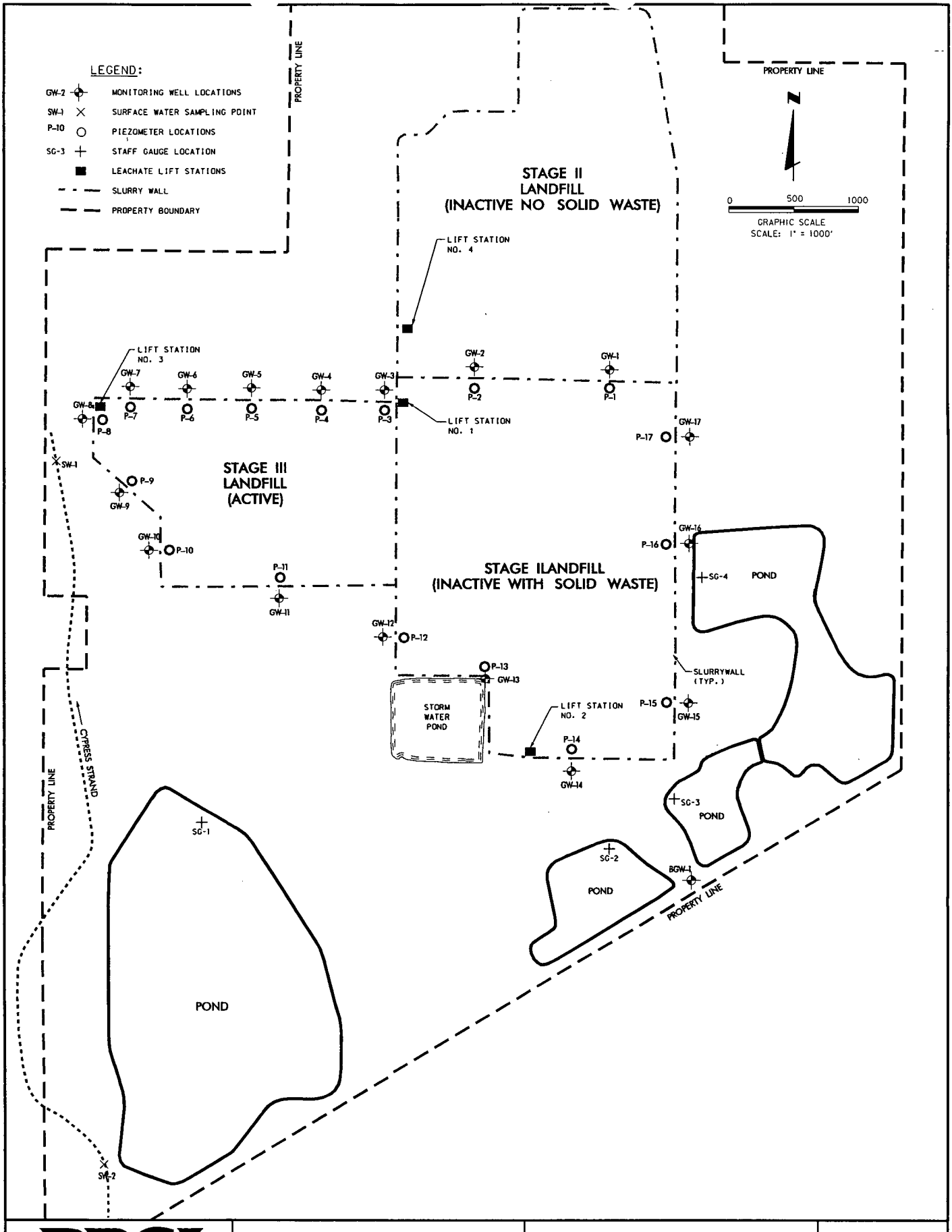
	Well:		GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10	GW-11[3]	GW-12	GW-13	GW-14	GW-15	GW-16	GW-17	BGW-1
	Sample Identifier:		21593	21594	21595	21596	21597	21598	21599	21600	21601	21602	21603	21604	21605	21606	21607	21608	21609	21610
	Date of Test:		8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/21/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06	8/22/06
	Standard[1]	Units																		
Field Measurements																				
Depth-to-Groundwater[2]		ft	4.89	7.27	3.54	6.27	6.64	6.36	7.83	9.16	9.53	7.32	6.19	9.62	10.94	4.73	6.46	8.33	6.89	7.54
Temperature		deg. C	25.4	27	26.2	26.8	27.1	27.1	27.7	27.7	29.2	27.7	26.3	26.3	26.3	27.1	25.8	25.6	26.7	25.4
pH	6.5-8.5	STD	6	6.2	7	6.9	7	7.3	7.2	7.3	7.7	6.7	5.9	5.9	6.5	6.4	6.5	6.5	5.3	5.9
Conductivity		umhos/cm	834	576	839	524	698	1,204	674	1,471	766	990	621	938	1,796	3,817	923	685	147	870
Dissolved Oxygen (DO)		mg/l	0.3	0.3	0.2	0.5	0.3	0.4	0.2	0.2	0.2	1	0.2	0.2	0.2	0.6	0.2	0.1	0.1	0.2
Turbidity		NTU	7.7	19	3.9	12	9.3	1.2	12	5	2.1	4	3.2	4.3	24	12	1	12	5.7	3.3
Inorganics																				
Antimony	0.006	mg/l	<0.0015	<0.0015	0.002	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.002	<0.0015	<0.0015	<0.0015	<0.0015
Arsenic	0.01	mg/l	0.06	0.06	<0.007	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.06	0.02	0.01	0.02	0.02	0.01	<0.007	<0.007
Barium	2	mg/l	0.01	0.007	0.013	0.011	0.016	0.013	0.015	0.049	0.023	0.021	0.013	0.077	0.034	0.092	0.056	0.026	0.006	0.022
Beryllium	0.004	mg/l	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	0.005	mg/l	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chloride	250	mg/l	29.3	9.73	24.4	7.82	18.2	44.2	15.1	4.74	9.07	6.18	25	9.19	37	484	100	91.9	7.93	106
Chromium	0.1	mg/l	0.003	0.004	0.003	0.003	0.003	<0.001	0.002	0.001	0.002	0.001	0.007	0.002	0.002	<0.001	0.002	0.003	0.007	0.001
Cobalt	0.14	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	<0.001	0.002	<0.001	<0.001	<0.001	<0.001
Copper	1	mg/l	<0.005	<0.005	<0.005	0.006	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Iron	0.3	mg/l	8.58	21.3	0.522	0.509	2.03	11	0.198	0.408	6.5	3.65	40.3	9.03	4.28	25.8	20.7	1.82	4.48	0.615
Lead	0.015	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	2	ug/l	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Nickel	0.1	mg/l	0.006	0.002	0.002	0.002	0.003	<0.001	0.001	0.001	<0.001	<0.001	0.001	0.002	<0.001	0.002	<0.001	0.002	0.001	0.002
Nitrate	10	mg/l	<0.006	0.032	2.56	0.45	4.15	0.028	0.061	0.97	0.019	<0.006	<0.006	0.191	<0.006	<0.006	<0.006	0.014	0.022	0.039
Selenium	0.05	mg/l	0.003	0.003	0.004	0.008	0.008	0.003	0.005	0.007	0.002	0.003	0.003	0.003	0.002	0.001	0.003	0.001	0.001	0.001
Silver	0.1	mg/l	0.002	<0.002	0.002	<0.002	<0.002	0.002	<0.002	0.003	0.002	0.002	<0.002	<0.002	0.004	0.005	<0.002	<0.002	<0.002	<0.002
Sodium	160	mg/l	28.3	10.2	27.1	5.43	17.8	22.5	14.5	19.1	13.4	11.5	16	6.79	25.5	201	84	68.8	6.32	81.5
Total Ammonia - N		mg/l	1.15	1.63	0.042	0.151	0.569	0.811	0.641	1.35	0.762	0.432	0.699	0.845	5.67	0.645	0.922	0.746	1.65	0.986
Thallium	0.002	mg/l	0.001	0.001	<0.0004	<0.0004	<0.0004	0.0004	<0.0004	0.001	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.001
Total Dissolved Solids (TDS)	500	mg/l	586	365	613	340	433	826	440	1070	484	631	567	648	1130	2730	558	419	121	493
Vanadium	0.049	mg/l	0.008	0.014	0.028	0.045	0.03	0.052	0.008	0.005	<0.0005	0.002	0.019	0.009	0.006	0.004	0.008	0.007	0.025	0.006
Zinc	5	mg/l	0.016	<0.010	0.011	0.012	0.015	0.013	0.014	<0.010	<0.010	0.012	0.011	0.015	<0.010	<0.010	<0.010	<0.010	0.012	0.019
Volatile Organics																				
1,1,1,2-Tetrachloroethane	5	ug/l	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
1,1,1-Trichloroethane	200	ug/l	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,1,2,2-Tetrachloroethane		ug/l	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
1,1,2-Trichloroethane	5	ug/l	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
1,1-Dichloroethane		ug/l	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
1,1-Dichloroethene	7	ug/l	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
1,2,3-Trichloropropane		ug/l	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2-Dichlorobenzene	600	ug/l	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2-Dichloroethane	3	ug/l	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
1,2-Dichloropropane	5	ug/l	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
1,4-Dichlorobenzene	75	ug/l	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
2-Butanone		ug/l	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4

Table 3
Groundwater Elevation Data
Lena Road Landfill
Second Half 2006

Well Identifier	Top-of-Casing Elevation (Ft-NGVD)	Total Depth (Ft-TOC)	Top of Well Screen Elevation (Ft-NGVD)	Bottom of Well Screen Elevation (Ft-NGVD)	Depth to Groundwater (Ft below TOC)	Groundwater Elevation (Ft-NGVD)
GW-1	38.68	19.42	34.76	19.26	4.89	33.79
GW-2	40.92	19.41	37.01	21.51	7.27	33.65
GW-3	39.40	19.56	35.34	19.84	3.54	35.86
GW-4	40.53	19.63	36.40	20.90	6.27	34.26
GW-5	39.90	19.66	35.74	20.24	6.64	33.26
GW-6	38.95	19.54	34.91	19.41	6.36	32.59
GW-7	39.49	20.54	34.45	18.95	7.83	31.66
GW-8	39.75	20.32	34.93	19.43	9.16	30.59
GW-9	39.65	20.56	34.59	19.09	9.53	30.12
GW-10	38.34	20.15	33.69	18.19	7.32	31.02
GW-11	(38.26)	21.61	31.65	16.65	6.19	32.07
GW-12	42.09	20.27	37.32	21.82	9.62	32.47
GW-13	44.79	20.22	40.07	24.57	10.94	33.85
GW-14	39.63	20.15	34.98	19.48	4.73	34.90
GW-15	42.33	20.00	37.83	22.33	6.46	35.87
GW-16	44.41	20.15	39.76	24.26	8.33	36.08
GW-17	42.19	20.80	36.89	21.39	6.89	35.30
BGW-1	47.57	20.30	42.77	27.27	7.54	40.03

39.02 FT NGVD INDICATED FOR REFERENCE ELEVATION OF FIELD SAMPLING LOG

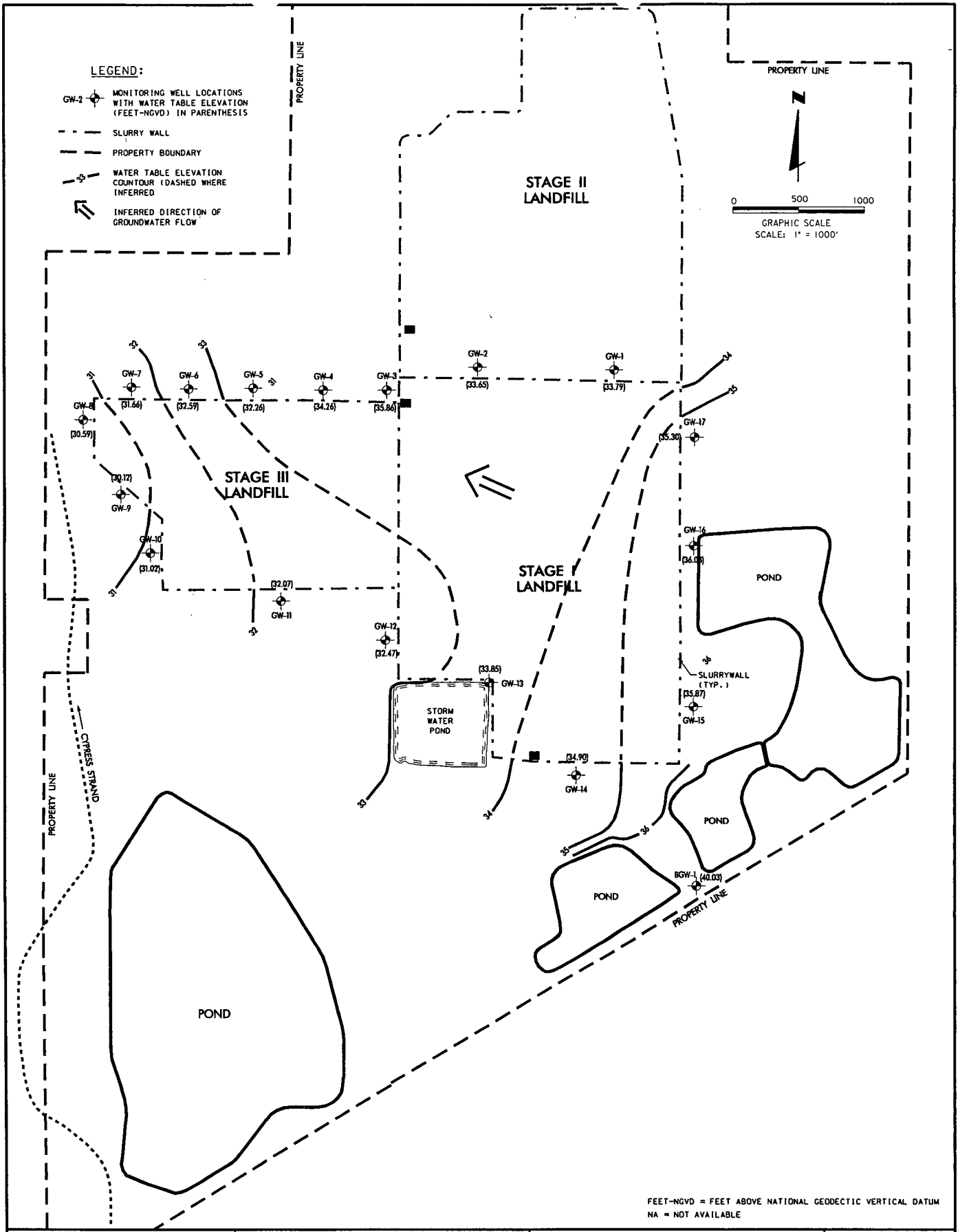
FIGURES



PBS&J	LENA ROAD LANDFILL MANATEE COUNTY, FLORIDA	WATER QUALITY MONITORING NETWORK	FIG. 1

\\ORLFS1\EC$\SOL\DG\HAZARD\MANATEE\LENAROAD\LANDFILL\SEMIANNUALREPORTSECONDHALF2006\MONITORINGWALLLOCATION-FIG-1.DGN

28-DEC-2006 14:20 --- EMP. NO: 20050



PBS&J	LENA ROAD LANDFILL MANATEE COUNTY, FLORIDA	GROUNDWATER ELEVATION CONTOUR MAP SECOND HALF 2006	FIG. 2

\\ORLFS1\EC$\SO\OLDG\HAZARD\MANATEE\LENAROADLANDFILL\SEMIANNUALREPORTSECONDHALF2006\MONITORINGWALLLOCATION-FIG-2.DGN

08-JAN-2007 15:09 --- EMP. NO: 20050

ATTACHMENT A

Ground Water Monitoring Report Form

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No.

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Manatee County Solid Waste Management Facility – Lena Road Closed Class I Landfill

Address Post Office Box 25010

City Bradenton, Florida Zip 34206

Telephone Number (941) 748-5543

(2) The GMS Identification Number SWD-41-44795

(3) DEP Permit Number 39884-010-SO

(4) Authorized Representative Name Joseph L. Miller, P.E., PBS&J

Address 482 Keller Road

City Orlando, Florida Zip 32810

Telephone Number (407) 647-7275

(5) Type of Discharge N/A

(6) Method of Discharge N/A

Certification

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

Date: Jan. 8, 2007 Joseph L. Miller

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 870072

Analytical Lab Comp QAP # /HRS Certification # E54560

*Comp QAP # /HRS Certification # E84098

Lab #1: Manatee County Utility Operations, Central Wastewater Laboratory , 5101 65th Street West, Bradenton, Florida 34210

Lab #2 Southern Analytical Laboratories, Inc., 110 Bayview Boulevard, Oldsmar, FL 34677

Phone Number (863) 646-8526

PART III ANALYTICAL RESULTS

Facility GMS #: WACS ID# SWD/41/44795 Sampling Date/Time: August 2006

Test Site ID #: _____ Report Period: Second Half 2006
(year/quarter)

Well Name: _____ Well Purged (Y/N): _____

Classification of Ground Water: _____ Well Type: ( ) Background
( ) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): _____

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	Please see sampling report, Forms, and laboratory report.						

* Attach Laboratory Reports

ATTACHMENT B

Field Data Sheets

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/24/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-1	Sample ID	-01	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	7.89	PURGE PUMP CODE: (PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.49	REFERENCE ELEVATION (NGVD)	38.68	GROUND WATER ELEVATION (REFERENCE-STATIC)	33.79		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft) -

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.49 -) * 0.1632

ONE WELL VOLUME	2.38	1/4 WELL VOLUME	-	3 WELL VOLUMES	7.14	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0636	PURGE TIME END	0651	TOTAL PURGED	7.50

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0641	2.50	2.50	0.50	5.43	5.9	25.4	836	0.70	1.72	TANIC	None
0646	2.50	5.0	"	5.43	5.9	25.4	835	0.30	4.86	"	"
0651	2.50	7.50	"	5.43	6.0	25.4	834	0.29	7.72	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Larry R. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-			SAMPLE PUMP FLOW RATE (mL/min)	-
SAMPLING INITIATED	0652	SAMPLING ENDED	0655	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS	Clear								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/21/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-2	Sample ID	-02	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	7.27	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.42	REFERENCE ELEVATION (NGVD)	40.92	GROUND WATER ELEVATION (REFERENCE-STATIC)	33.65			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.42 -) * 0.1632

ONE WELL VOLUME	1.98	1/4 WELL VOLUME	-	3 WELL VOLUMES	5.94	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0705	PURGE TIME END	0717	TOTAL PURGED	6.0

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0709	2.0	2.0	0.50	8.31	6.1	26.9	572	0.40	22.2	TANC	None
0713	2.0	4.0	"	8.31	6.1	27.0	573	0.29	19.7	"	"
0717	2.0	6.0	"	8.31	6.2	27.0	576	0.25	18.9	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL				SAMPLER(S) SIGNATURES:	Doug Wall			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-		SAMPLE PUMP FLOW RATE (mL/min)	-	
SAMPLING INITIATED	0718	SAMPLING ENDED	0727	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS	CLEAR								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/21/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-3	Sample ID	-03	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	3.54	PURGE PUMP CODE: (PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.60	REFERENCE ELEVATION (NGVD)	39.40	GROUND WATER ELEVATION (REFERENCE-STATIC)	35.86		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft) —

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.60 -) * 0.1632

ONE WELL VOLUME	2.62	1/4 WELL VOLUME	-	3 WELL VOLUMES	7.86	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0735	PURGE TIME END	0755	TOTAL PURGED	9.0

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0741	3.0	3.0	0.50	4.33	7.0	26.1	833	0.25	9.17	Tan/c	None
0747	3.0	6.0	"	4.33	7.0	26.2	839	0.20	4.04	"	"
0753	3.0	9.0	"	4.33	7.0	26.2	839	0.17	3.89	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL			SAMPLER(S) SIGNATURES:			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	—	SAMPLE PUMP FLOW RATE (mL/min)	—		
SAMPLING INITIATED	0754	SAMPLING ENDED	0800	FIELD CLEANED	Y (N)	CLEANING STEPS	
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	—	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A
SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A						
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	—				
WEATHER CONDITIONS	Clear						
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/31/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-4	Sample ID	-04	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	6.27	PURGE PUMP CODE	PP GP IBP
TOTAL WELL DEPTH (Feet)	19.52	REFERENCE ELEVATION (NGVD)	40.53	GROUND WATER ELEVATION (REFERENCE-STATIC)	34.26		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.52 -) * 0.1632

ONE WELL VOLUME	2.16	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.48	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0808	PURGE TIME END	0828	TOTAL PURGED	9.0

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0813	2.50	2.50 GW-4	0.50	6.89	6.9	26.8	562	1.13	69.1	Turbid	None
0818	2.50	5.0	"	6.89	6.9	26.8	545	0.85	38.1	"	"
0823	2.50	7.50	"	6.89	6.9	26.8	529	0.65	20.5	"	"
0828	2.50	9.0	"	6.89	6.9	26.8	529	0.50	12.4	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Tony R. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-		SAMPLE PUMP FLOW RATE (mL/min)	-	
SAMPLING INITIATED	0829	SAMPLING ENDED	0835	FIELD CLEANED	(Y) N	CLEANING STEPS	DI X 2		
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED		-					
WEATHER CONDITIONS	CLEAR								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/21/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-5	Sample ID	-05	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK To UNK	Static Depth to Water (Feet)	6.64	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.47	REFERENCE ELEVATION (NGVD)	39.90	GROUND WATER ELEVATION (REFERENCE-STATIC)	33.26	TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.47 -) * 0.1632

ONE WELL VOLUME	2.09	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.28	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	'	PURGE TIME START	0843	PURGE TIME END	0858	TOTAL PURGED	7.50		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0848	2.50	2.50	0.50	7.22	7.0	27.1	719	0.49	13.7	CLEAR	None
0853	2.50	5.0	"	7.22	7.0	27.1	707	0.33	10.6	"	"
0858	2.50	7.50	"	7.22	7.0	27.1	698	0.27	9.31	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL		SAMPLER(S) SIGNATURES:	Lary R. Wood	
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-
SAMPLING INITIATED 0859	SAMPLING ENDED 0904	FIELD CLEANED (Y) N	CLEANING STEPS DI X2		
FIELD FILTERED? Y (N)	FILTER SIZE (µm) -	DUPLICATE Y (N)	VOC COLLECTED BY REVERSE FLOW? (Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP? Y N (N/A)	
PRESERVATION CHECKED IN FIELD? (Y) N N/A	LIST PRESERVATIVES ADDED	-			
WEATHER CONDITIONS	CLEAR				
COMMENTS					

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/21/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-6	Sample ID	-06	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	4.36	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.50	REFERENCE ELEVATION (NGVD)	38.95	GROUND WATER ELEVATION (REFERENCE-STATIC)	34.59			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY =	(	19.50	-			)	*	0.1632			
ONE WELL VOLUME	2.14	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.43	5 WELL VOLUMES	-				

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0911	PURGE TIME END	0927	TOTAL PURGED	7.50		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0916	2.50	2.50	0.50	7.73	7.4	27.1	.222	1.09	6.21	CLEAR	NONE
0921	2.50	5.0	"	7.73	7.3	27.1	1212	0.39	2.96	"	"
0927	2.50	7.50	"	7.74	7.3	27.1	1204	0.36	1.24	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-			SAMPLE PUMP FLOW RATE (mL/min)	-
SAMPLING INITIATED	0929	SAMPLING ENDED	0934	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N (N/A)
PRESERVATION CHECKED IN FIELD?	Y N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS									
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TB Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/21/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-7	Sample ID	- 07	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	7.83	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.57	REFERENCE ELEVATION (NGVD)	39.49	GROUND WATER ELEVATION (REFERENCE-STATIC)		31.66		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.57 -) * 0.1632

ONE WELL VOLUME	1.91	1/4 WELL VOLUME	-	3 WELL VOLUMES	5.74	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0942	PURGE TIME END	0954	TOTAL PURGED	6.0		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0946	2.0	2.0	0.50	8.17	7.2	27.7	703	0.39	63.8	Turbid	None
0950	2.0	4.0	"	8.17	7.2	27.7	683	0.22	13.9	Clear	"
0954	2.0	6.0	"	8.17	7.2	27.7	674	0.20	12.1	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL			SAMPLER(S) SIGNATURES:	Larry L. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	0955	SAMPLING ENDED	1001	FIELD CLEANED	Y (N)	CLEANING STEPS	
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A
SEMI-VOLS COLLECTED THROUGH TRAP?	Y N (N/A)						
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-				
WEATHER CONDITIONS	clear						
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/31/06	SAL Project #	G2580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-8	Sample ID	-08	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	9.16	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.59	REFERENCE ELEVATION (NGVD)	39.75	GROUND WATER ELEVATION (REFERENCE-STATIC)		29.59		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.59 -) * 0.1632

ONE WELL VOLUME	1.70	1/4 WELL VOLUME	-	3 WELL VOLUMES	5.10	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	10:09	PURGE TIME END	10:33	TOTAL PURGED	4.0		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
10:17	2.0	2.0	0.25	9.78	7.3	27.7	1523	0.20	7.16	Clear	none
10:25	2.0	4.0	"	9.78	7.3	27.7	1498	0.19	6.49	"	"
10:33	2.0	6.0	"	9.78	7.3	27.7	1471	0.18	5.04	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Jay R. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	1034	SAMPLING ENDED	1040	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS	Clear								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	5/21/04	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-9	Sample ID	-09	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	9.53	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	19.58	REFERENCE ELEVATION (NGVD)	39.65	GROUND WATER ELEVATION (REFERENCE-STATIC)	30.12		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.58 -) * 0.1632

ONE WELL VOLUME	1.64	1/4 WELL VOLUME	-	3 WELL VOLUMES	4.92	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	1047	PURGE TIME END	1108	TOTAL PURGED	5.25

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
1054	1.75	1.75	0.25	10.47	7.7	29.2	180	0.20	5.42	Tan/c	None
1101	1.75	3.50	"	0.47	7.7	29.2	771	0.19	3.07	"	"
1108	1.75	5.25	"	10.47	7.7	29.2	766	0.19	2.13	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	1109	SAMPLING ENDED	1115	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS	Clear								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-10	Sample ID	-10	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	1.32	PURGE PUMP CODE (PP) GP IBP
TOTAL WELL DEPTH (Feet)	20.29	REFERENCE ELEVATION (NGVD)	38.34	GROUND WATER ELEVATION (REFERENCE-STATIC)	37.02		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft) -

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.29 -) * 0.1632

ONE WELL VOLUME	2.11	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.33	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0553	PURGE TIME END	0621	TOTAL PURGED	6.75		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0603	2.25	2.25	0.25	10.12	6.7	27.8	990	1.04	16.2	TAN	None
0612	2.25	4.50	"	10.12	6.7	27.7	989	1.03	8.14	"	"
0621	2.25	6.75	"	10.12	6.7	27.7	990	1.04	4.03	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL			SAMPLER(S) SIGNATURES:	Larry R Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	0622	SAMPLING ENDED	0630	FIELD CLEANED	Y (N)	CLEANING STEPS	
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A
SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A	PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-		
WEATHER CONDITIONS	CLEAR						
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-11 (GC-6 Data)	Sample ID	-11	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	6.19	PURGE PUMP CODE	PP GP IBP
TOTAL WELL DEPTH (Feet)	21.61(GC-6)	REFERENCE ELEVATION (NGVD)	38.24 ON SUMMARY TABLE 39.02 (GC-6)	GROUND WATER ELEVATION (REFERENCE-STATIC)	32.83			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY =				(	21.61(GC-6)		-			) *	0.1632
ONE WELL VOLUME	2.5 l	1/4 WELL VOLUME	-	3 WELL VOLUMES	7.54	5 WELL VOLUMES	-				
EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME											
PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-				
INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0642	PURGE TIME END	0700	TOTAL PURGED	9 l		

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0648	3.0	3.0	0.50	8.13	6.0	26.4	637	0.30	10.3	Tanic	Swamp
0654	3.0	6.0	4	8.13	6.0	26.3	632	0.19	4.75	"	"
0700	3.0	9.0	"	8.13	5.9	26.3	621	0.17	3.21	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL			SAMPLER(S) SIGNATURES:	Jay R Ward		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP TL TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	0701	SAMPLING ENDED	0708	FIELD CLEANED	Y N	CLEANING STEPS	
FIELD FILTERED?	Y N	FILTER SIZE (µm)		DUPLICATE	Y N	VOC COLLECTED BY REVERSE FLOW?	Y N N/A
SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A	PRESERVATION CHECKED IN FIELD?	Y N N/A	LIST PRESERVATIVES ADDED	-		
WEATHER CONDITIONS							
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-12	Sample ID	-12	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	9.62	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	20.21	REFERENCE ELEVATION (NGVD)	42.09	GROUND WATER ELEVATION (REFERENCE-STATIC)	32.47			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.21 -) * 0.1632

ONE WELL VOLUME	1.72	1/4 WELL VOLUME	-	3 WELL VOLUMES	5.18	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0717	PURGE TIME END	0737	TOTAL PURGED	10.0

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0721	2.0	2.0	0.50	10.13	5.8	26.4	1094	0.63	23.4	TANK	None
0725	2.0	4.0	"	10.14	5.8	26.4	1090	0.37	9.01	"	"
0729	2.0	6.0	"	10.14	5.9	26.3	1011	0.30	8.32	"	"
0733	2.0	8.0	"	10.14	5.9	26.3	982	0.29	7.87	"	"
0737	2.0	10.0	"	10.14	5.9	26.3	938	0.20	4.32	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL			SAMPLER(S) SIGNATURES:	Larry Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-		
SAMPLING INITIATED	0738	SAMPLING ENDED	0744	FIELD CLEANED	(Y) N	CLEANING STEPS	DI x2
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	(Y) N N/A
SEMI-VOLS COLLECTED THROUGH TRAP?	Y N (N/A)	PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-		
WEATHER CONDITIONS	Clear						
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-13	Sample ID	-13	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	10.94	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	20.16	REFERENCE ELEVATION (NGVD)	44.79	GROUND WATER ELEVATION (REFERENCE-STATIC)	33.85			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY =					20.16		-			) *	0.1632
ONE WELL VOLUME	1.50	1/4 WELL VOLUME	-		3 WELL VOLUMES	4.50		5 WELL VOLUMES	-		

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-		FLOW CELL VOLUME	-		EQUIPMENT VOLUME	-		
INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-		PURGE TIME START	0750	PURGE TIME END	0885	TOTAL PURGED	7.5 G	

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0753	1.50	1.50	0.50	11.07	6.4	26.3	1853	0.30	580	Turbid	None
0756	1.50	3.0	"	11.07	6.5	26.3	1849	0.25	55.3	"	"
0759	1.50	4.50	"	11.07	6.5	26.3	1825	0.20	26.8	"	"
0802	1.50	6.0	"	11.08	6.5	26.3	1822	0.17	23.4	"	"
0885	1.50	7.50	"	11.08	6.5	26.3	1796	0.18	24.2	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL				SAMPLER(S) SIGNATURES:	Tony K. Wise			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT		SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-			
SAMPLING INITIATED	0806	SAMPLING ENDED	0814	FIELD CLEANED	Y (N)	CLEANING STEPS			
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	Y N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS									
COMMENTS	TURBIDITY > 20 NTU								

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-14	Sample ID	-14	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To UNK	Static Depth to Water (Feet)	4.73	PURGE PUMP CODE: (PP) GP IBP
TOTAL WELL DEPTH (Feet)	20.13	REFERENCE ELEVATION (NGVD)	39.63	GROUND WATER ELEVATION (REFERENCE-STATIC)	34.9		TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.13 -) * 0.1632

ONE WELL VOLUME	2.51	1/4 WELL VOLUME	-	3 WELL VOLUMES	7.53	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0821	PURGE TIME END	0838	TOTAL PURGED	9.0		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0826	3.0	3.0	0.50	5.61	6.4	27.2	3829	0.65	13.5	CLEAR	NONE
0832	3.0	6.0	"	5.61	6.4	27.1	3821	0.64	12.7	"	"
0838	3.0	9.0	"	5.61	6.4	27.1	3817	0.64	11.6	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Larry R. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-		SAMPLE PUMP FLOW RATE (mL/min)	-	
SAMPLING INITIATED	0839	SAMPLING ENDED	0845	FIELD CLEANED	(Y) N	CLEANING STEPS	DIX2		
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	Y N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS	CLEAR								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/04	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-15	Sample ID	-15	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	6.46	PURGE PUMP CODE	PP GP IBP
TOTAL WELL DEPTH (Feet)	20.06	REFERENCE ELEVATION (NGVD)	42.33	GROUND WATER ELEVATION (REFERENCE-STATIC)	35.87			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.06 -) * 0.1632

ONE WELL VOLUME	2.21	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.65	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0855	PURGE TIME END	0910	TOTAL PURGED	7.50

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0900	2.50	2.50	0.50	6.89	6.5	25.8	962	0.18	6.45	CLEAR	NONE
0905	2.50	5.0	"	6.89	6.5	25.8	933	0.17	1.68	"	"
0910	2.50	7.50	"	6.89	6.5	25.8	923	0.16	0.97	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Larry R. Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	-			SAMPLE PUMP FLOW RATE (mL/min)	-
SAMPLING INITIATED	0911	SAMPLING ENDED	0917	FIELD CLEANED	(Y) N	CLEANING STEPS	DI X 2		
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	Y N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N (N/A)
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED		-					
WEATHER CONDITIONS	CLEAR								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/04	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-16	Sample ID	-16	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK To UNK	Static Depth to Water (Feet)	8.33	PURGE PUMP CODE	PP GP IBP
TOTAL WELL DEPTH (Feet)	19.89	REFERENCE ELEVATION (NGVD)	44.41	GROUND WATER ELEVATION (REFERENCE-STATIC)	36.08	TUBING DIAMETER (Inches)	—	TUBING CAPACITY (gal/ft)	—

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (19.89 -) * 0.1632

ONE WELL VOLUME	1.88	1/4 WELL VOLUME	—	3 WELL VOLUMES	5.65	5 WELL VOLUMES	—		

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	—	TUBING LEGNTH	—	FLOW CELL VOLUME	—	EQUIPMENT VOLUME	—		

INITIAL TUBING LEGNTH IN WELL (FEET)	—	FINAL TUBING LEGNTH IN WELL (FEET)	—	PURGE TIME START	0925	PURGE TIME END	0937	TOTAL PURGED	6.0

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0929	2.0	2.0	0.50	8.71	6.5	25.5	690	0.17	15.9	Blackish	None
0933	2.0	4.0	"	8.71	6.5	25.6	692	0.16	13.7	"	"
0937	2.0	6.0	"	8.71	6.5	25.6	685	0.14	12.2	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL					SAMPLER(S) SIGNATURES:	Larry R Wood		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT			SAMPLE TUBING LEGNTH IN WELL (FEET)	—			SAMPLE PUMP FLOW RATE (mL/min)	—
SAMPLING INITIATED	0938	SAMPLING ENDED	0945	FIELD CLEANED	(Y) N	CLEANING STEPS	DIX 2		
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	—	DUPLICATE	Y (N)	VOC COLLECTED BY REVERSE FLOW?	Y N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED		—					
WEATHER CONDITIONS	Partly Cloudly								
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDD Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/04	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	GW-17	Sample ID	-17	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	6.89	PURGE PUMP CODE	(PP) GP IBP
TOTAL WELL DEPTH (Feet)	20.83	REFERENCE ELEVATION (NGVD)	42.19	GROUND WATER ELEVATION (REFERENCE-STATIC)	35.3			TUBING DIAMETER (Inches)	-	TUBING CAPACITY (gal/ft)	-

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.83 -) * 0.1632

ONE WELL VOLUME	2.27	1/4 WELL VOLUME	-	3 WELL VOLUMES	6.82	5 WELL VOLUMES	-

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	-	TUBING LEGNTH	-	FLOW CELL VOLUME	-	EQUIPMENT VOLUME	-

INITIAL TUBING LEGNTH IN WELL (FEET)	-	FINAL TUBING LEGNTH IN WELL (FEET)	-	PURGE TIME START	0950	PURGE TIME END	1005	TOTAL PURGED	7.50		
TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
0955	2.50	2.50	0.50	7.23	5.3	26.7	146.6	0.18	5.71	clear	None
1000	2.50	5.0	"	7.24	5.3	26.7	146.4	0.17	5.74	"	"
1005	2.50	7.50	"	7.25	5.3	26.7	146.6	0.14	5.73	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAL				SAMPLER(S) SIGNATURES:	Tony R. Wood			
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP (TL) TT		SAMPLE TUBING LEGNTH IN WELL (FEET)	-	SAMPLE PUMP FLOW RATE (mL/min)	-			
SAMPLING INITIATED	1006	SAMPLING ENDED	1014	FIELD CLEANED	(Y) N	CLEANING STEPS	DI x 2		
FIELD FILTERED?	Y (N)	FILTER SIZE (µm)	-	DUPLICATE	(Y) N	VOC COLLECTED BY REVERSE FLOW?	Y N N/A	SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
PRESERVATION CHECKED IN FIELD?	(Y) N N/A	LIST PRESERVATIVES ADDED	-						
WEATHER CONDITIONS									
COMMENTS									

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TDO Date: 8/30/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

GROUNDWATER SAMPLING LOG

Client Name:	Mantee County Utilities	Location:	Lena Road Landfill	Contact:	Jeff Goodwin
				Phone:	941-792-8811 X 5235
Date Sampled	8/22/06	SAL Project #	62580	Project Name	Semi-Annual Monitor Wells
Well Number	BGW-1	Sample ID	-18	GPS LAT	
				GPS LONG	

PURGING DATA

WELL DIAMETER (Inches)	2.0	WELL CAPACITY (gal/ft)	0.1632	Screen Interval (Feet)	UNK	To	UNK	Static Depth to Water (Feet)	7.54	PURGE PUMP CODE	PP GP IBP
TOTAL WELL DEPTH (Feet)	20.30	REFERENCE ELEVATION (NGVD)	47.57	GROUND WATER ELEVATION (REFERENCE-STATIC)	40.03			TUBING DIAMETER (Inches)	–	TUBING CAPACITY (gal/ft)	–

Purge Technique: q Submerged Screen (1,1/4,1/4 Well) q Submerged Screen (1EQ Volume, 3, 3 Minutes) q Partially Submerged Screen (1 Well, 3,3 minutes)

WELL VOLUME = (TOTAL DEPTH - STATIC DEPTH) x WELL CAPICITY = (20.30 -) * 0.1632

ONE WELL VOLUME	2.08	1/4 WELL VOLUME	–	3 WELL VOLUMES	6.24	5 WELL VOLUMES	–

EQUIPMENT VOLUME = PUMP VOLUME + (TUBING CAPACITY X TUBING LEGNTH) + FLOW CELL VOLUME

PUMP VOLUME	–	TUBING LEGNTH	–	FLOW CELL VOLUME	–	EQUIPMENT VOLUME	–

INITIAL TUBING LEGNTH IN WELL (FEET)	–	FINAL TUBING LEGNTH IN WELL (FEET)	–	PURGE TIME START	1025	PURGE TIME END	1040	TOTAL PURGED	

TIME	VOLUME PURGED (Gallons)	TOTAL VOLUME PURGED (Gallons)	PURGE RATE (gpm)	Depth to Water (Feet)	pH (SU) (Δ <0.2)	TEMP (oC) (Δ <0.2)	SP COND (uS/cm) (Δ <5%)	DO (mg/L) (% SAT <20)	TURBIDITY (NTUs) (<20 NTU)	COLOR (Describe)	ODOR (Describe)
1030	2.50				6.0	25.4	890	0.19	8.65	Clear	None
1035	2.50				5.9	25.4	888	0.18	6.24	"	"
1040	2.50				5.9	25.4	870	0.16	3.33	"	"

Well Capacity (gallons/foot): 0.75"=0.02, 1.25"=0.06, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47, 12"5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY / COMPANY (PRINT)	SAC			SAMPLER(S) SIGNATURES:	Lary R. Wind		
TUBING MATERIAL CODE (CIRCLE ONE)	PP PE NP TL TT	SAMPLE TUBING LEGNTH IN WELL (FEET)	–	SAMPLE PUMP FLOW RATE (mL/min)	–		
SAMPLING INITIATED	1041	SAMPLING ENDED	1047	FIELD CLEANED	Y N	CLEANING STEPS	
FIELD FILTERED?	Y N	FILTER SIZE (µm)	–	DUPLICATE	Y N	VOC COLLECTED BY REVERSE FLOW?	Y N N/A
PRESERVATION CHECKED IN FIELD?	Y N N/A	LIST PRESERVATIVES ADDED	–			SEMI-VOLS COLLECTED THROUGH TRAP?	Y N N/A
WEATHER CONDITIONS							
COMMENTS							

PUMP CODES: PP=Peristaltic Pump, GP= Submersible Grundfos Pump, IBP= In-place Bladder Pump

TUBING MATERIAL CODES: PP= Polypropylene, PE= Polyethylene, NP= Non-inert Plastic, TL= Teflon Lined, TT= Teflon

Reviewed By: TM Date: 8/30/06

ATTACHMENT C

Laboratory Analytical Reports

Attachment C-1

Groundwater Analytical Report

REPORT OF ANALYSIS

MANATEE COUNTY UTILITY OPERATIONS
CENTRAL WASTEWATER LABORATORY
5101 65 TH STREET WEST
BRADENTON, FL 34210

Phone: (941) 792-8811 ext. 5285

Fax: (941) 795-3452

FDOHLAB ID: E54560

USEPA LAB CODE: FL00031

Laboratory Contact: Jeff Goodwin

PREPARED FOR: Mr. Gus Difonzo
MCUOD Solid Waste Division
4410 66th Street West
Bradenton, FL 34210

SAMPLE RECEIPT DATE: 08/21/2006
REPORT DATE: 9/25/2006
PROJECT NAME: Lena Road Semi Annual Groundwater Monitoring Report

Data Release Authorization:

The Methods of analysis in this report are in accordance with MCUOD Central Wastewater 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.

Jeffrey A. Goodwin, Laboratory Supervisor

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12400**	**Collection Date / Time**			**08/21/2006 06:52**			
Sample Point		**Lena Road Monitoring Well GW-1**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**29.3**	mg/L		08/24/2006	17:15	0.250 / 1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006	18:36	0.006 / 0.025	EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.062**	mg/L		09/06/2006	11:32	0.007 / 0.021	WWC
Barium	EPA 200.7	**0.010**	mg/L		09/06/2006	11:32	0.0005 / 0.002	WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:32	0.0002 / 0.0006	WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:32	0.0005 / 0.002	WWC
Chromium	EPA 200.7	**0.003**	mg/L		09/06/2006	11:32	0.001 / 0.003	WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:32	0.001 / 0.003	WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:32	0.005 / 0.015	WWC
Iron	EPA 200.7	**8.58**	mg/L		09/06/2006	11:32	0.010 0.030	WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:32	0.005 / 0.015	WWC
Nickel	EPA 200.7	**0.006**	mg/L		09/06/2006	11:32	0.001 / 0.003	WWC
Silver	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:32	0.002 / 0.006	WWC
Sodium	EPA 200.7	**28.3**	mg/L		09/06/2006	11:32	0.500 1.50	WWC
Vanadium	EPA 200.7	**0.008**	mg/L		09/06/2006	11:32	0.0005 / 0.002	WWC
Zinc	EPA 200.7	**0.016**	mg/L	I	09/06/2006	11:32	0.010 / 0.030	WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	10:45	0.100 0.300	WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	10:39	0.0015 / 0.006	WWC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/06/2006	11:17	0.0002 / 0.001	WWC
Thallium by GFAAS	EPA 279.2	**0.001**	mg/L	I	08/24/2006	11:07	0.0004 / 0.002	WWC
NUTRIENTS								
Ammonia	EPA 350.1	**1.15**	mg/L		08/22/2006	13:21	0.011 / 0.054	EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**586**	mg/L		08/24/2006	13:30	2.50 / 7.50	LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12401**	**Collection Date / Time**			**08/21/2006 07:18**			
Sample Point		**Lena Road Monitoring Well GW-2**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**9.73**	mg/L		08/24/2006	17:26	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.032**	mg/L		08/22/2006	19:14	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.058**	mg/L		09/06/2006	11:17	0.007	0.021 WWC
Barium	EPA 200.7	**0.007**	mg/L		09/06/2006	11:17	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.004**	mg/L		09/06/2006	11:17	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.005	0.015 WWC
Iron	EPA 200.7	**21.3**	mg/L		09/06/2006	11:17	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:17	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.002	0.006 WWC
Sodium	EPA 200.7	**10.2**	mg/L		09/06/2006	11:17	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.014**	mg/L		09/06/2006	11:17	0.0005	0.002 WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:17	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	10:55	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:10	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/06/2006	10:46	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**0.001**	mg/L	I	08/24/2006	11:39	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**1.63**	mg/L		08/22/2006	13:22	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**365**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12402**	**Collection Date / Time**			**08/21/2006 07:54**			
Sample Point		**Lena Road Monitoring Well GW-3**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**24.4**	mg/L		08/24/2006	17:38	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**2.56**	mg/L		08/22/2006	19:27	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.007	0.021 WWC
Barium	EPA 200.7	**0.013**	mg/L		09/06/2006	11:25	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.003**	mg/L		09/06/2006	11:25	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.005	0.015 WWC
Iron	EPA 200.7	**0.522**	mg/L		09/06/2006	11:25	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:25	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:25	0.001	0.003 WWC
Silver	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:25	0.002	0.006 WWC
Sodium	EPA 200.7	**27.1**	mg/L		09/06/2006	11:25	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.028**	mg/L		09/06/2006	11:25	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.011**	mg/L	I	09/06/2006	11:25	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	10:57	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**0.002**	mg/L	I	08/23/2006	11:17	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.004**	mg/L		09/06/2006	10:54	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/24/2006	11:48	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**0.042**	mg/L	I	08/22/2006	13:23	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**613**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12403**	**Collection Date / Time**			**08/21/2006 08:29**			
Sample Point		**Lena Road Monitoring Well GW-4**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**7.82**	mg/L		08/24/2006	17:49	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.450**	mg/L		08/22/2006	17:08	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.008**	mg/L	I	09/06/2006	10:52	0.007	0.021 WWC
Barium	EPA 200.7	**0.011**	mg/L		09/06/2006	10:52	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	10:52	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	10:52	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.003**	mg/L		09/06/2006	10:52	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	10:52	0.001	0.003 WWC
Copper	EPA 200.7	**0.006**	mg/L	I	09/06/2006	10:52	0.005	0.015 WWC
Iron	EPA 200.7	**0.509**	mg/L		09/06/2006	10:52	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	10:52	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/06/2006	10:52	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	10:52	0.002	0.006 WWC
Sodium	EPA 200.7	**5.43**	mg/L		09/06/2006	10:52	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.045**	mg/L		09/06/2006	10:52	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.012**	mg/L	I	09/06/2006	10:52	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:00	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:25	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.008**	mg/L		09/06/2006	11:02	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/24/2006	11:56	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**0.151**	mg/L		08/22/2006	13:24	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**340**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12404**	**Collection Date / Time**			**08/21/2006 08:59**			
Sample Point		**Lena Road Monitoring Well GW-5**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**18.2**	mg/L		08/24/2006	18:01	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**4.15**	mg/L		08/22/2006	17:21	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.014**	mg/L	I	09/06/2006	11:38	0.007	0.021 WWC
Barium	EPA 200.7	**0.016**	mg/L		09/06/2006	11:38	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:38	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:38	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.003**	mg/L		09/06/2006	11:38	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:38	0.001	0.003 WWC
Copper	EPA 200.7	**0.007**	mg/L	I	09/06/2006	11:38	0.005	0.015 WWC
Iron	EPA 200.7	**2.03**	mg/L		09/06/2006	11:38	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:38	0.005	0.015 WWC
Nickel	EPA 200.7	**0.003**	mg/L		09/06/2006	11:38	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:38	0.002	0.006 WWC
Sodium	EPA 200.7	**17.8**	mg/L		09/06/2006	11:38	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.030**	mg/L		09/06/2006	11:38	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.015**	mg/L	I	09/06/2006	11:38	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:02	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:33	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.008**	mg/L		09/06/2006	11:10	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/24/2006	12:05	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**0.569**	mg/L		08/22/2006	13:27	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**433**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12405**	**Collection Date / Time**			**08/21/2006 09:28**			
Sample Point		**Lena Road Monitoring Well GW-6**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**44.2**	mg/L		08/24/2006	18:12	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.028**	mg/L		08/22/2006	17:33	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.013**	mg/L	I	09/06/2006	11:44	0.007	0.021 WWC
Barium	EPA 200.7	**0.013**	mg/L		09/06/2006	11:44	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.0002	0.0006 WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.0005	0.002 WWC
Chromium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.005	0.015 WWC
Iron	EPA 200.7	**11.0**	mg/L		09/06/2006	11:44	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.005	0.015 WWC
Nickel	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:44	0.001	0.003 WWC
Silver	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:44	0.002	0.006 WWC
Sodium	EPA 200.7	**22.5**	mg/L		09/06/2006	11:44	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.052**	mg/L		09/06/2006	11:44	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.013**	mg/L	I	09/06/2006	11:44	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:04	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:41	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/06/2006	10:15	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**0.0004**	mg/L	I	08/24/2006	12:13	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**0.811**	mg/L		08/22/2006	13:29	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**826**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12406**	**Collection Date / Time**			**08/21/2006 09:55**			
Sample Point		**Lena Road Monitoring Well GW-7**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**15.1**	mg/L		08/24/2006	18:47	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.061**	mg/L		08/22/2006	17:46	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.009**	mg/L	I	09/06/2006	11:51	0.007	0.021 WWC
Barium	EPA 200.7	**0.015**	mg/L		09/06/2006	11:51	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.002**	mg/L	I	09/06/2006	11:51	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.005	0.015 WWC
Iron	EPA 200.7	**0.198**	mg/L		09/06/2006	11:51	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.005	0.015 WWC
Nickel	EPA 200.7	**0.001**	mg/L	I	09/06/2006	11:51	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:51	0.002	0.006 WWC
Sodium	EPA 200.7	**14.5**	mg/L		09/06/2006	11:51	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.008**	mg/L		09/06/2006	11:51	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.014**	mg/L	I	09/06/2006	11:51	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:07	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:49	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.005**	mg/L		09/06/2006	11:25	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/24/2006	12:21	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**0.641**	mg/L		08/22/2006	13:31	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**440**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12407**	**Collection Date / Time**			**08/21/2006 10:34**			
Sample Point		**Lena Road Monitoring Well GW-8**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**4.74**	mg/L		08/24/2006	19:21	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.970**	mg/L		08/22/2006	19:39	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.012**	mg/L	I	09/06/2006	11:57	0.007	0.021 WWC
Barium	EPA 200.7	**0.049**	mg/L		09/06/2006	11:57	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.001**	mg/L	I	09/06/2006	11:57	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.005	0.015 WWC
Iron	EPA 200.7	**0.408**	mg/L		09/06/2006	11:57	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.005	0.015 WWC
Nickel	EPA 200.7	**0.001**	mg/L	I	09/06/2006	11:57	0.001	0.003 WWC
Silver	EPA 200.7	**0.003**	mg/L	I	09/06/2006	11:57	0.002	0.006 WWC
Sodium	EPA 200.7	**19.1**	mg/L		09/06/2006	11:57	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.005**	mg/L		09/06/2006	11:57	0.0005	0.002 WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/06/2006	11:57	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:09	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/23/2006	11:56	0.0015	0.006 WWC
Selenium by GFAAS	EPA 270.2	**0.007**	mg/L		09/06/2006	11:33	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**0.001**	mg/L		08/24/2006	12:29	0.0004	0.002 WWC
NUTRIENTS								
Ammonia	EPA 350.1	**1.35**	mg/L		08/22/2006	13:32	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**1070**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12408**	**Collection Date / Time**			**08/21/2006 11:09**			
Sample Point		**Lena Road Monitoring Well GW-9**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**9.07**	mg/L		08/24/2006 19:32	0.250	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.019**	mg/L	I	08/22/2006 19:52	0.006	0.025	EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.023**	mg/L		09/06/2006 12:04	0.007	0.021	WWC
Barium	EPA 200.7	**0.023**	mg/L		09/06/2006 12:04	0.0005	0.002	WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.0002	0.0006	WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.0005	0.002	WWC
Chromium	EPA 200.7	**0.002**	mg/L	I	09/06/2006 12:04	0.001	0.003	WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.001	0.003	WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.005	0.015	WWC
Iron	EPA 200.7	**6.50**	mg/L		09/06/2006 12:04	0.010	0.030	WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.005	0.015	WWC
Nickel	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.001	0.003	WWC
Silver	EPA 200.7	**0.002**	mg/L	I	09/06/2006 12:04	0.002	0.006	WWC
Sodium	EPA 200.7	**13.4**	mg/L		09/06/2006 12:04	0.500	1.50	WWC
Vanadium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.0005	0.002	WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:04	0.010	0.030	WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006 11:12	0.100	0.300	WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006 10:44	0.0015	0.006	WC
Selenium by GFAAS	EPA 270.2	**0.002**	mg/L		09/06/2006 11:41	0.0002	0.001	WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006 10:11	0.0004	0.002	WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.762**	mg/L		08/22/2006 13:33	0.011	0.054	EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**484**	mg/L		08/24/2006 13:30	2.50	7.50	LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12425**	**Collection Date / Time**			**08/22/2006 06:21**			
Sample Point		**Lena Road Monitoring Well GW-10**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**6.18**	mg/L		08/24/2006	19:44	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006	20:04	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.037**	mg/L		09/07/2006	10:50	0.007	0.021 WWC
Barium	EPA 200.7	**0.021**	mg/L		09/07/2006	10:50	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.001**	mg/L	I	09/07/2006	10:50	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.005	0.015 WWC
Iron	EPA 200.7	**3.65**	mg/L		09/07/2006	10:50	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.005	0.015 WWC
Nickel	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	10:50	0.001	0.003 WWC
Silver	EPA 200.7	**0.002**	mg/L	I	09/07/2006	10:50	0.002	0.006 WWC
Sodium	EPA 200.7	**11.5**	mg/L		09/07/2006	10:50	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.002**	mg/L		09/07/2006	10:50	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.012**	mg/L	I	09/07/2006	10:50	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:14	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006	11:14	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/06/2006	11:48	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006	10:43	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.432**	mg/L		08/22/2006	13:34	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**631**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12426**	**Collection Date / Time**			**08/22/2006 07:01**			
Sample Point		**Lena Road Monitoring Well GW-11**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**25.0**	mg/L		08/24/2006	19:55	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006	20:17	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.059**	mg/L		09/07/2006	11:16	0.007	0.021 WWC
Barium	EPA 200.7	**0.013**	mg/L		09/07/2006	11:16	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.007**	mg/L		09/07/2006	11:16	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.005	0.015 WWC
Iron	EPA 200.7	**40.3**	mg/L		09/07/2006	11:16	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.005	0.015 WWC
Nickel	EPA 200.7	**0.001**	mg/L	I	09/07/2006	11:16	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:16	0.002	0.006 WWC
Sodium	EPA 200.7	**16.0**	mg/L		09/07/2006	11:16	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.019**	mg/L		09/07/2006	11:16	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.011**	mg/L	I	09/07/2006	11:16	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:32	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006	11:22	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/07/2006	15:41	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006	10:52	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.699**	mg/L		08/22/2006	13:35	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**567**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12427**	**Collection Date / Time**			**08/22/2006 07:38**			
Sample Point		**Lena Road Monitoring Well GW-12**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**9.19**	mg/L		08/24/2006	20:07	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.191**	mg/L		08/22/2006	20:29	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.017**	mg/L	I	09/07/2006	11:30	0.007	0.021 WWC
Barium	EPA 200.7	**0.077**	mg/L		09/07/2006	11:30	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:30	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:30	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.002**	mg/L	I	09/07/2006	11:30	0.001	0.003 WWC
Cobalt	EPA 200.7	**0.003**	mg/L		09/07/2006	11:30	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:30	0.005	0.015 WWC
Iron	EPA 200.7	**9.03**	mg/L		09/07/2006	11:30	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:30	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/07/2006	11:30	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L		09/07/2006	11:30	0.002	0.006 WWC
Sodium	EPA 200.7	**6.79**	mg/L		09/07/2006	11:30	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.009**	mg/L		09/07/2006	11:30	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.015**	mg/L	I	09/07/2006	11:30	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:22	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006	11:30	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/07/2006	15:49	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006	11:00	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.845**	mg/L		08/22/2006	13:36	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**648**	mg/L		08/24/2006	13:30	2.50	7.50 LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12428**	**Collection Date / Time**			**08/22/2006 08:06**			
Sample Point		**Lena Road Monitoring Well GW-13**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**37.0**	mg/L		08/24/2006 20:18	0.250	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006 20:42	0.006	0.025	EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.010**	mg/L	I	09/07/2006 11:37	0.007	0.021	WWC
Barium	EPA 200.7	**0.034**	mg/L		09/07/2006 11:37	0.0005	0.002	WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.0002	0.0006	WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.0005	0.002	WWC
Chromium	EPA 200.7	**0.002**	mg/L	I	09/07/2006 11:37	0.001	0.003	WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.001	0.003	WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.005	0.015	WWC
Iron	EPA 200.7	**4.28**	mg/L		09/07/2006 11:37	0.010	0.030	WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.005	0.015	WWC
Nickel	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.001	0.003	WWC
Silver	EPA 200.7	**0.004**	mg/L	I	09/07/2006 11:37	0.002	0.006	WWC
Sodium	EPA 200.7	**25.5**	mg/L		09/07/2006 11:37	0.500	1.50	WWC
Vanadium	EPA 200.7	**0.006**	mg/L		09/07/2006 11:37	0.0005	0.002	WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:37	0.010	0.030	WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006 11:34	0.100	0.300	WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006 11:38	0.0015	0.006	WC
Selenium by GFAAS	EPA 270.2	**0.002**	mg/L		09/07/2006 15:57	0.0002	0.001	WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006 11:08	0.0004	0.002	WC
NUTRIENTS								
Ammonia	EPA 350.1	**5.67**	mg/L		08/22/2006 13:38	0.011	0.054	EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**1130**	mg/L		08/24/2006 13:30	2.50	7.50	LK/EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12429**	**Collection Date / Time**			**08/22/2006 08:39**			
Sample Point		**Lena Road Monitoring Well GW-14**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**484**	mg/L		08/24/2006	20:30	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006	20:55	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.018**	mg/L	I	09/07/2006	11:43	0.007	0.021 WWC
Barium	EPA 200.7	**0.092**	mg/L		09/07/2006	11:43	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.0005	0.002 WWC
Chromium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.001	0.003 WWC
Cobalt	EPA 200.7	**0.002**	mg/L	I	09/07/2006	11:43	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.005	0.015 WWC
Iron	EPA 200.7	**25.8**	mg/L		09/07/2006	11:43	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/07/2006	11:43	0.001	0.003 WWC
Silver	EPA 200.7	**0.005**	mg/L	I	09/07/2006	11:43	0.002	0.006 WWC
Sodium	EPA 200.7	**201**	mg/L		09/07/2006	11:43	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.004**	mg/L		09/07/2006	11:43	0.0005	0.002 WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:43	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:36	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**0.002**	mg/L	I	08/29/2006	11:46	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.001**	mg/L		09/07/2006	16:05	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006	11:17	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.645**	mg/L		08/22/2006	13:39	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**2730**	mg/L		08/28/2006	10:30	2.50	7.50 EMM/ LK/ IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12430**	**Collection Date / Time**			**08/22/2006 09:11**			
Sample Point		**Lena Road Monitoring Well GW-15**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**100**	mg/L		08/24/2006 20:41	0.250	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**<MDL**	mg/L	U	08/22/2006 21:32	0.006	0.025	EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.015**	mg/L		09/06/2006 12:10	0.007	0.021	WWC
Barium	EPA 200.7	**0.056**	mg/L		09/06/2006 12:10	0.0005	0.002	WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.0002	0.0006	WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.0005	0.002	WWC
Chromium	EPA 200.7	**0.002**	mg/L	I	09/06/2006 12:10	0.001	0.003	WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.001	0.003	WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.005	0.015	WWC
Iron	EPA 200.7	**20.7**	mg/L		09/06/2006 12:10	0.010	0.030	WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.005	0.015	WWC
Nickel	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.001	0.003	WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.002	0.006	WWC
Sodium	EPA 200.7	**84.0**	mg/L		09/06/2006 12:10	0.500	1.50	WWC
Vanadium	EPA 200.7	**0.008**	mg/L		09/06/2006 12:10	0.0005	0.002	WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/06/2006 12:10	0.010	0.030	WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006 11:39	0.100	0.300	WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006 11:54	0.0015	0.006	WC
Selenium by GFAAS	EPA 270.2	**0.003**	mg/L		09/07/2006 16:12	0.0002	0.001	WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006 11:25	0.0004	0.002	WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.922**	mg/L		08/22/2006 13:42	0.011	0.054	EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**558**	mg/L		08/28/2006 10:30	2.50	7.50	EMM/ LK/ IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12431**	**Collection Date / Time**			**08/22/2006 09:38**			
Sample Point		**Lena Road Monitoring Well GW-16**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**91.9**	mg/L		08/24/2006 20:52	0.250	1.00	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.014**	mg/L	I	08/22/2006 22:10	0.006	0.025	EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**0.008**	mg/L	I	09/07/2006 11:22	0.007	0.021	WWC
Barium	EPA 200.7	**0.026**	mg/L		09/07/2006 11:22	0.0005	0.002	WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.0002	0.0006	WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.0005	0.002	WWC
Chromium	EPA 200.7	**0.003**	mg/L		09/07/2006 11:22	0.001	0.003	WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.001	0.003	WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.005	0.015	WWC
Iron	EPA 200.7	**1.82**	mg/L		09/07/2006 11:22	0.010	0.030	WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.005	0.015	WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/07/2006 11:22	0.001	0.003	WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.002	0.006	WWC
Sodium	EPA 200.7	**68.8**	mg/L		09/07/2006 11:22	0.500	1.50	WWC
Vanadium	EPA 200.7	**0.007**	mg/L		09/07/2006 11:22	0.0005	0.002	WWC
Zinc	EPA 200.7	**< MDL**	mg/L	U	09/07/2006 11:22	0.010	0.030	WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006 11:41	0.100	0.300	WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006 12:02	0.0015	0.006	WC
Selenium by GFAAS	EPA 270.2	**0.001**	mg/L		09/07/2006 15:11	0.0002	0.001	WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006 11:33	0.0004	0.002	WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.746**	mg/L		08/22/2006 13:44	0.011	0.054	EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**419**	mg/L		08/28/2006 10:30	2.50	7.50	EMM/ LK/ IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12432**	**Collection Date / Time**			**08/22/2006 10:06**			
Sample Point		**Lena Road Monitoring Well GW-17**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**7.93**	mg/L		08/25/2006	15:57	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.022**	mg/L	I	08/22/2006	22:23	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.007	0.021 WWC
Barium	EPA 200.7	**0.006**	mg/L		09/07/2006	11:50	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.007**	mg/L		09/07/2006	11:50	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.005	0.015 WWC
Iron	EPA 200.7	**4.48**	mg/L		09/07/2006	11:50	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.005	0.015 WWC
Nickel	EPA 200.7	**0.001**	mg/L	I	09/07/2006	11:50	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:50	0.002	0.006 WWC
Sodium	EPA 200.7	**6.32**	mg/L		09/07/2006	11:50	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.025**	mg/L		09/07/2006	11:50	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.012**	mg/L	I	09/07/2006	11:50	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:44	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006	12:10	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.001**	mg/L		09/07/2006	16:20	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**< MDL**	mg/L	U	08/25/2006	14:02	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**1.65**	mg/L		08/22/2006	13:46	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**121**	mg/L		08/28/2006	10:30	2.50	7.50 EMM/ LK/ IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	**AE12433**	**Collection Date / Time**			**08/22/2006 10:41**			
Sample Point		**Lena Road Monitoring Well BGW-1**						
ANIONS								
Chloride by Ion Chromatography	EPA 300.0	**106**	mg/L		08/25/2006	15:23	0.250	1.00 EMM
Nitrate as N by Ion Chromatography	EPA 300.0	**0.039**	mg/L		08/22/2006	22:35	0.006	0.025 EMM
METALS								
Metals by 200.7								
Arsenic	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.007	0.021 WWC
Barium	EPA 200.7	**0.022**	mg/L		09/07/2006	11:56	0.0005	0.002 WWC
Beryllium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.0002	0.0006WWC
Cadmium	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.0005	0.002 WWC
Chromium	EPA 200.7	**0.001**	mg/L	I	09/07/2006	11:56	0.001	0.003 WWC
Cobalt	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.001	0.003 WWC
Copper	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.005	0.015 WWC
Iron	EPA 200.7	**0.615**	mg/L		09/07/2006	11:56	0.010	0.030 WWC
Lead	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.005	0.015 WWC
Nickel	EPA 200.7	**0.002**	mg/L	I	09/07/2006	11:56	0.001	0.003 WWC
Silver	EPA 200.7	**< MDL**	mg/L	U	09/07/2006	11:56	0.002	0.006 WWC
Sodium	EPA 200.7	**81.5**	mg/L		09/07/2006	11:56	0.500	1.50 WWC
Vanadium	EPA 200.7	**0.006**	mg/L		09/07/2006	11:56	0.0005	0.002 WWC
Zinc	EPA 200.7	**0.019**	mg/L	I	09/07/2006	11:56	0.010	0.030 WWC
Mercury Cold Vapor	EPA 245.1	**< MDL**	ug/L	U	09/13/2006	11:46	0.100	0.300 WWC
Antimony by GFAAS	EPA 204.2	**< MDL**	mg/L	U	08/29/2006	12:17	0.0015	0.006 WC
Selenium by GFAAS	EPA 270.2	**0.001**	mg/L		09/07/2006	16:28	0.0002	0.001 WWC
Thallium by GFAAS	EPA 279.2	**0.001**	mg/L	I	08/25/2006	11:50	0.0004	0.002 WC
NUTRIENTS								
Ammonia	EPA 350.1	**0.986**	mg/L		08/22/2006	13:47	0.011	0.054 EMM
SOLIDS								
Total Dissolved Solids	SM 2540 C	**493**	mg/L		08/28/2006	10:30	2.50	7.50 EMM/ LK/ IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	**SICPWATER-7547**	**QA Sample ID**	**AE12403**					
Samples	**AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430**							
Samp Dup Precision for Metals by 200.7								
Arsenic		13.3	%		09/06/2006 10:52			WWC
Arsenic		100	%		09/08/2006 09:39			WWC
Arsenic		0.979	mg/L		09/06/2006 10:42			WWC
Arsenic		0.007	mg/L	I	09/06/2006 10:58			WWC
Arsenic		1.01	mg/L		09/06/2006 11:04			WWC
Arsenic		< MDL	mg/L	U	09/06/2006 10:19			WWC
Arsenic		0.985	%		09/06/2006 11:04			WWC
Arsenic		97.9	%		09/08/2006 09:39			WWC
Arsenic		1.98	mg/L		09/06/2006 12:16			WWC
Arsenic		1.02	mg/L		09/06/2006 11:11			WWC
Arsenic		97.0	%		09/08/2006 09:39			WWC
Arsenic		< MDL	mg/L	U	09/06/2006 12:28			WWC
Arsenic		99.0	%		09/08/2006 09:39			WWC
Arsenic		0.008	mg/L	I	09/06/2006 10:52			WWC
Arsenic		0.970	mg/L		09/06/2006 10:25			WWC
Barium		0.00	%		09/06/2006 10:52			WWC
Barium		100	%		09/08/2006 09:39			WWC
Barium		99.2	%		09/08/2006 09:39			WWC
Barium		0.496	mg/L		09/06/2006 10:42			WWC
Barium		0.511	mg/L		09/06/2006 11:04			WWC
Barium		0.011	mg/L		09/06/2006 10:58			WWC
Barium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Barium		0.391	%		09/06/2006 11:04			WWC
Barium		0.993	mg/L		09/06/2006 12:16			WWC
Barium		0.513	mg/L		09/06/2006 11:11			WWC
Barium		97.8	%		09/08/2006 09:39			WWC
Barium		< MDL	mg/L	U	09/06/2006 12:28			WWC
Barium		99.3	%		09/08/2006 09:39			WWC
Barium		0.489	mg/L		09/06/2006 10:25			WWC
Barium		0.011	mg/L		09/06/2006 10:52			WWC
Beryllium		104	%		09/08/2006 09:39			WWC
Beryllium		101	%		09/08/2006 09:39			WWC
Beryllium		0.253	mg/L		09/06/2006 10:42			WWC
Beryllium		< MDL	mg/L	U	09/06/2006 10:58			WWC
Beryllium		0.260	mg/L		09/06/2006 11:04			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name $ICPWATER-7547		QA Sample ID AE12403						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430								
Samp Dup Precision for Metals by 200.7								
Beryllium		0.00	%		09/06/2006 10:52			WWC
Beryllium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Beryllium		1.53	%		09/06/2006 11:04			WWC
Beryllium		0.509	mg/L		09/06/2006 12:16			WWC
Beryllium		0.264	mg/L		09/06/2006 11:11			WWC
Beryllium		102	%		09/08/2006 09:39			WWC
Beryllium		100	%		09/08/2006 09:39			WWC
Beryllium		< MDL	mg/L	U	09/06/2006 12:28			WWC
Beryllium		< MDL	mg/L	U	09/06/2006 10:52			WWC
Beryllium		0.250	mg/L		09/06/2006 10:25			WWC
Cadmium		96.5	%		09/08/2006 09:39			WWC
Cadmium		98.0	%		09/08/2006 09:39			WWC
Cadmium		0.980	mg/L		09/06/2006 10:42			WWC
Cadmium		< MDL	mg/L	U	09/06/2006 10:58			WWC
Cadmium		0.965	mg/L		09/06/2006 11:04			WWC
Cadmium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Cadmium		0.517	%		09/06/2006 11:04			WWC
Cadmium		1.95	mg/L		09/06/2006 12:16			WWC
Cadmium		0.00	%		09/06/2006 10:52			WWC
Cadmium		0.970	mg/L		09/06/2006 11:11			WWC
Cadmium		97.5	%		09/08/2006 09:39			WWC
Cadmium		98.4	%		09/08/2006 09:39			WWC
Cadmium		< MDL	mg/L	U	09/06/2006 12:28			WWC
Cadmium		< MDL	mg/L	U	09/06/2006 10:52			WWC
Cadmium		0.984	mg/L		09/06/2006 10:25			WWC
Chromium		99.7	%		09/08/2006 09:39			WWC
Chromium		100	%		09/08/2006 09:39			WWC
Chromium		1.00	mg/L		09/06/2006 10:42			WWC
Chromium		1.00	mg/L		09/06/2006 11:04			WWC
Chromium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Chromium		0.003	mg/L		09/06/2006 10:58			WWC
Chromium		0.995	%		09/06/2006 11:04			WWC
Chromium		2.02	mg/L		09/06/2006 12:16			WWC
Chromium		0.00	%		09/06/2006 10:52			WWC
Chromium		1.01	mg/L		09/06/2006 11:11			WWC
Chromium		102	%		09/08/2006 09:39			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name $ICPWATER-7547	QA Sample ID AE12403							
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430								
Current Calb Rec for Metals by 200.7		101	%		09/08/2006 09:39			WWC
Chromium		< MDL	mg/L	U	09/06/2006 12:28			WWC
Chromium		0.003	mg/L		09/06/2006 10:52			WWC
Chromium		1.02	mg/L		09/06/2006 10:25			WWC
Chromium		97.5	%		09/08/2006 09:39			WWC
Cobalt		96.1	%		09/08/2006 09:39			WWC
Cobalt		0.961	mg/L		09/06/2006 10:42			WWC
Cobalt		0.975	mg/L		09/06/2006 11:04			WWC
Cobalt		< MDL	mg/L	U	09/06/2006 10:19			WWC
Cobalt		< MDL	mg/L	U	09/06/2006 10:58			WWC
Cobalt		0.307	%		09/06/2006 11:04			WWC
Cobalt		1.98	mg/L		09/06/2006 12:16			WWC
Cobalt		0.00	%		09/06/2006 10:52			WWC
Cobalt		0.978	mg/L		09/06/2006 11:11			WWC
Cobalt		99.0	%		09/08/2006 09:39			WWC
Cobalt		98.1	%		09/08/2006 09:39			WWC
Cobalt		< MDL	mg/L	U	09/06/2006 12:28			WWC
Cobalt		0.981	mg/L		09/06/2006 10:25			WWC
Cobalt		< MDL	mg/L	U	09/06/2006 10:52			WWC
Cobalt		99.3	%		09/08/2006 09:39			WWC
Copper		0.006	mg/L	I	09/06/2006 10:52			WWC
Copper		98.5	%		09/08/2006 09:39			WWC
Copper		0.985	mg/L		09/06/2006 10:42			WWC
Copper		0.999	mg/L		09/06/2006 11:04			WWC
Copper		< MDL	mg/L	U	09/06/2006 10:19			WWC
Copper		0.006	mg/L	I	09/06/2006 10:58			WWC
Copper		0.100	%		09/06/2006 11:04			WWC
Copper		0.992	mg/L		09/06/2006 10:25			WWC
Copper		0.00	%		09/06/2006 10:52			WWC
Copper		1.00	mg/L		09/06/2006 11:11			WWC
Copper		1.97	mg/L		09/06/2006 12:16			WWC
Copper		98.5	%		09/08/2006 09:39			WWC
Copper		99.2	%		09/08/2006 09:39			WWC
Copper		< MDL	mg/L	U	09/06/2006 12:28			WWC
Copper		4.91	mg/L		09/06/2006 10:42			WWC
Iron		98.4	%		09/08/2006 09:39			WWC
Iron								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SICPWATER-7547	QA Sample ID AE12403							
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430								
LCS Recovery for Metals by 200.7		98.2	%		09/08/2006 09:39			WWC
Iron		5.43	mg/L		09/06/2006 11:04			WWC
Iron		0.509	mg/L		09/06/2006 10:52			WWC
Iron		< MDL	mg/L	U	09/06/2006 10:19			WWC
Iron		0.507	mg/L		09/06/2006 10:58			WWC
Iron		4.90	mg/L		09/06/2006 10:25			WWC
Iron		0.394	%		09/06/2006 10:52			WWC
Iron		5.46	mg/L		09/06/2006 11:11			WWC
Iron		99.2	%		09/08/2006 09:39			WWC
Iron		98.0	%		09/08/2006 09:39			WWC
Iron		9.92	mg/L		09/06/2006 12:16			WWC
Iron		< MDL	mg/L	U	09/06/2006 12:28			WWC
Iron		0.551	%		09/06/2006 11:04			WWC
Lead		97.3	%		09/08/2006 09:39			WWC
Lead		97.9	%		09/08/2006 09:39			WWC
Lead		0.979	mg/L		09/06/2006 10:42			WWC
Lead		0.973	mg/L		09/06/2006 11:04			WWC
Lead		< MDL	mg/L	U	09/06/2006 10:19			WWC
Lead		< MDL	mg/L	U	09/06/2006 10:58			WWC
Lead		0.983	mg/L		09/06/2006 10:25			WWC
Lead		0.00	%		09/06/2006 10:52			WWC
Lead		0.981	mg/L		09/06/2006 11:11			WWC
Lead		1.99	mg/L		09/06/2006 12:16			WWC
Lead		99.5	%		09/08/2006 09:39			WWC
Lead		98.3	%		09/08/2006 09:39			WWC
Lead		< MDL	mg/L	U	09/06/2006 10:52			WWC
Lead		< MDL	mg/L	U	09/06/2006 12:28			WWC
Lead		0.819	%		09/06/2006 11:04			WWC
Nickel		99.3	%		09/08/2006 09:39			WWC
Nickel		0.990	mg/L		09/06/2006 10:42			WWC
Nickel		99.0	%		09/08/2006 09:39			WWC
Nickel		0.995	mg/L		09/06/2006 11:04			WWC
Nickel		0.002	mg/L	I	09/06/2006 10:52			WWC
Nickel		< MDL	mg/L	U	09/06/2006 10:19			WWC
Nickel		0.001	mg/L	I	09/06/2006 10:58			WWC
Nickel		1.00	mg/L		09/06/2006 10:25			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
[redacted]atch Name $ICPWATER-7547		QA Sample ID AE12403						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430								
[redacted]amp Dup Precision for Metals by 200.7								
Nickel		NO RESULT	%		09/06/2006 10:52			WWC
[redacted]kel		0.999	mg/L		09/06/2006 11:11			WWC
[redacted]kel		101	%		09/08/2006 09:39			WWC
Nickel		100	%		09/08/2006 09:39			WWC
[redacted]kel		2.02	mg/L		09/06/2006 12:16			WWC
Nickel		< MDL	mg/L	U	09/06/2006 12:28			WWC
[redacted]kel		0.401	%		09/06/2006 11:04			WWC
Silver		0.249	mg/L		09/06/2006 10:42			WWC
[redacted]ver		103	%		09/08/2006 09:39			WWC
[redacted]ver		99.6	%		09/08/2006 09:39			WWC
Silver		< MDL	mg/L	U	09/06/2006 10:19			WWC
[redacted]ver		0.258	mg/L		09/06/2006 11:04			WWC
Silver		< MDL	mg/L	U	09/06/2006 10:58			WWC
[redacted]ver		0.243	mg/L		09/06/2006 10:25			WWC
Silver		0.252	mg/L		09/06/2006 11:11			WWC
[redacted]ver		0.00	%		09/06/2006 10:52			WWC
[redacted]ver		98.4	%		09/08/2006 09:39			WWC
Silver		97.2	%		09/08/2006 09:39			WWC
[redacted]ver		0.492	mg/L		09/06/2006 12:16			WWC
Silver		< MDL	mg/L	U	09/06/2006 12:28			WWC
[redacted]ver		< MDL	mg/L	U	09/06/2006 10:52			WWC
Silver		2.35	%		09/06/2006 11:04			WWC
[redacted]dium		46.6	mg/L		09/06/2006 10:42			WWC
[redacted]odium		95.7	%		09/08/2006 09:39			WWC
Sodium		93.2	%		09/08/2006 09:39			WWC
[redacted]dium		53.3	mg/L		09/06/2006 11:04			WWC
Sodium		5.43	mg/L		09/06/2006 10:52			WWC
[redacted]dium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Sodium		5.48	mg/L		09/06/2006 10:58			WWC
[redacted]dium		49.3	mg/L		09/06/2006 10:25			WWC
[redacted]odium		0.916	%		09/06/2006 10:52			WWC
[redacted]odium		53.9	mg/L		09/06/2006 11:11			WWC
[redacted]odium		93.2	%		09/08/2006 09:39			WWC
Sodium		98.6	%		09/08/2006 09:39			WWC
[redacted]odium		93.2	mg/L		09/06/2006 12:16			WWC
Sodium		< MDL	mg/L	U	09/06/2006 12:28			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name $ICPWATER-7547		**QA Sample ID AE12403**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12430								
S/MSD Precision for Metals by 200.7								
Sodium		1.12	%		09/06/2006 11:04			WWC
adium		1.00	mg/L		09/06/2006 10:42			WWC
adium		100	%		09/08/2006 09:39			WWC
Vanadium		100	%		09/08/2006 09:39			WWC
adium		< MDL	mg/L	U	09/06/2006 10:19			WWC
Vanadium		1.05	mg/L		09/06/2006 11:04			WWC
adium		0.045	mg/L		09/06/2006 10:52			WWC
Vanadium		102	%		09/08/2006 09:39			WWC
adium		0.0450	mg/L		09/06/2006 10:58			WWC
adium		1.02	mg/L		09/06/2006 10:25			WWC
Vanadium		1.05	mg/L		09/06/2006 11:11			WWC
adium		0.00	%		09/06/2006 10:52			WWC
Vanadium		101	%		09/08/2006 09:39			WWC
nadium		2.02	mg/L		09/06/2006 12:16			WWC
Vanadium		< MDL	mg/L	U	09/06/2006 12:28			WWC
nadium		0.00	%		09/06/2006 11:04			WWC
nc		0.978	mg/L		09/06/2006 10:42			WWC
Zinc		97.3	%		09/08/2006 09:39			WWC
nc		96.0	%		09/08/2006 09:39			WWC
Zinc		< MDL	mg/L	U	09/06/2006 10:19			WWC
nc		97.8	%		09/08/2006 09:39			WWC
Zinc		0.985	mg/L		09/06/2006 11:04			WWC
nc		0.012	mg/L	I	09/06/2006 10:52			WWC
Zinc		0.012	mg/L	I	09/06/2006 10:58			WWC
Zinc		0.991	mg/L		09/06/2006 11:11			WWC
nc		0.960	mg/L		09/06/2006 10:25			WWC
Zinc		0.00	%		09/06/2006 10:52			WWC
inc		98.0	%		09/08/2006 09:39			WWC
Zinc		1.96	mg/L		09/06/2006 12:16			WWC
inc		< MDL	mg/L	U	09/06/2006 12:28			WWC
Zinc		0.607	%		09/06/2006 11:04			WWC
Batch Name $ICPWATER-7548		**QA Sample ID AE12425**						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
Int Calb Rec for Metals by 200.7								
rsenic		97.6	%		09/08/2006 11:06			WWC
Arsenic		100	%		09/08/2006 11:06			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SICPWATER-7548		QA Sample ID AE12425						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
Initial Calibration for Metals by 200.7								
Arsenic		0.976	mg/L		09/07/2006 10:24			WWC
Arsenic		2.01	mg/L		09/07/2006 12:03			WWC
Arsenic		< MDL	mg/L	U	09/07/2006 12:17			WWC
Arsenic		0.00	%		09/07/2006 11:03			WWC
Arsenic		98.9	%		09/08/2006 11:06			WWC
Arsenic		0.989	mg/L		09/07/2006 10:37			WWC
Arsenic		1.06	mg/L		09/07/2006 11:03			WWC
Arsenic		2.74	%		09/07/2006 10:50			WWC
Arsenic		0.037	mg/L		09/07/2006 10:50			WWC
Arsenic		102	%		09/08/2006 11:06			WWC
Arsenic		0.036	mg/L		09/07/2006 10:56			WWC
Arsenic		< MDL	mg/L	U	09/07/2006 10:19			WWC
Arsenic		1.06	mg/L		09/07/2006 11:09			WWC
Barium		101	%		09/08/2006 11:06			WWC
Barium		1.01	mg/L		09/07/2006 12:03			WWC
Barium		0.570	%		09/07/2006 11:03			WWC
Barium		0.490	mg/L		09/07/2006 10:24			WWC
Barium		98.0	%		09/08/2006 11:06			WWC
Barium		0.500	mg/L		09/07/2006 10:37			WWC
Barium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Barium		100	%		09/08/2006 11:06			WWC
Barium		0.528	mg/L		09/07/2006 11:03			WWC
Barium		0.021	mg/L		09/07/2006 10:56			WWC
Barium		0.021	mg/L		09/07/2006 10:50			WWC
Barium		0.00	%		09/07/2006 10:50			WWC
Barium		101	%		09/08/2006 11:06			WWC
Barium		< MDL	mg/L	U	09/07/2006 10:19			WWC
Barium		0.525	mg/L		09/07/2006 11:09			WWC
Beryllium		102	%		09/08/2006 11:06			WWC
Beryllium		0.509	mg/L		09/07/2006 12:03			WWC
Beryllium		1.17	%		09/07/2006 11:03			WWC
Beryllium		0.248	mg/L		09/07/2006 10:24			WWC
Beryllium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Beryllium		101	%		09/08/2006 11:06			WWC
Beryllium		0.252	mg/L		09/07/2006 10:37			WWC
Beryllium		99.2	%		09/08/2006 11:06			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SICPWATER-7548		QA Sample ID AE12425						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
LCS Result for Metals by 200.7								
Beryllium		0.257	mg/L		09/07/2006 11:03			WWC
Beryllium		0.00	%		09/07/2006 10:50			WWC
Beryllium		< MDL	mg/L	U	09/07/2006 10:50			WWC
Beryllium		< MDL	mg/L	U	09/07/2006 10:56			WWC
Beryllium		103	%		09/08/2006 11:06			WWC
Beryllium		< MDL	mg/L	U	09/07/2006 10:19			WWC
Beryllium		0.254	mg/L		09/07/2006 11:09			WWC
Cadmium		1.98	mg/L		09/07/2006 12:03			WWC
Cadmium		99.0	%		09/08/2006 11:06			WWC
Cadmium		0.987	mg/L		09/07/2006 10:24			WWC
Cadmium		0.414	%		09/07/2006 11:03			WWC
Cadmium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Cadmium		97.7	%		09/08/2006 11:06			WWC
Cadmium		98.7	%		09/08/2006 11:06			WWC
Cadmium		0.977	mg/L		09/07/2006 10:37			WWC
Cadmium		0.963	mg/L		09/07/2006 11:03			WWC
Cadmium		0.00	%		09/07/2006 10:50			WWC
Cadmium		< MDL	mg/L	U	09/07/2006 10:50			WWC
Cadmium		96.3	%		09/08/2006 11:06			WWC
Cadmium		< MDL	mg/L	U	09/07/2006 10:56			WWC
Cadmium		< MDL	mg/L	U	09/07/2006 10:19			WWC
Cadmium		0.967	mg/L		09/07/2006 11:09			WWC
Chromium		2.03	mg/L		09/07/2006 12:03			WWC
Chromium		102	%		09/08/2006 11:06			WWC
Chromium		0.702	%		09/07/2006 11:03			WWC
Chromium		1.01	mg/L		09/07/2006 10:24			WWC
Chromium		0.993	mg/L		09/07/2006 10:37			WWC
Chromium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Chromium		101	%		09/08/2006 11:06			WWC
Chromium		99.3	%		09/08/2006 11:06			WWC
Chromium		0.993	mg/L		09/07/2006 11:03			WWC
Chromium		0.00	%		09/07/2006 10:50			WWC
Chromium		0.001	mg/L	I	09/07/2006 10:50			WWC
Chromium		99.2	%		09/08/2006 11:06			WWC
Chromium		0.001	mg/L	I	09/07/2006 10:56			WWC
Chromium		< MDL	mg/L	U	09/07/2006 10:19			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
atch Name $ICPWATER-7548		QA Sample ID AE12425						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
ISD Result for Metals by 200.7								
romium		1.00	mg/L		09/07/2006 11:09			WWC
Cobalt		2.00	mg/L		09/07/2006 12:03			WWC
balt		100	%		09/08/2006 11:06			WWC
Cobalt		0.715	%		09/07/2006 11:03			WWC
balt		0.979	mg/L		09/07/2006 10:24			WWC
Cobalt		0.960	mg/L		09/07/2006 10:37			WWC
balt		< MDL	mg/L	U	09/07/2006 12:17			WWC
Cobalt		97.9	%		09/08/2006 11:06			WWC
balt		96.0	%		09/08/2006 11:06			WWC
balt		0.975	mg/L		09/07/2006 11:03			WWC
Cobalt		0.00	%		09/07/2006 10:50			WWC
balt		< MDL	mg/L	U	09/07/2006 10:50			WWC
Cobalt		97.5	%		09/08/2006 11:06			WWC
balt		< MDL	mg/L	U	09/07/2006 10:56			WWC
Cobalt		< MDL	mg/L	U	09/07/2006 10:19			WWC
balt		0.982	mg/L		09/07/2006 11:09			WWC
pper		1.99	mg/L		09/07/2006 12:03			WWC
Copper		99.5	%		09/08/2006 11:06			WWC
pper		0.995	%		09/07/2006 11:03			WWC
Copper		0.989	mg/L		09/07/2006 10:24			WWC
pper		< MDL	mg/L	U	09/07/2006 12:17			WWC
Copper		0.978	mg/L		09/07/2006 10:37			WWC
pper		98.9	%		09/08/2006 11:06			WWC
pper		97.8	%		09/08/2006 11:06			WWC
Copper		1.00	mg/L		09/07/2006 11:03			WWC
pper		0.00	%		09/07/2006 10:50			WWC
Copper		< MDL	mg/L	U	09/07/2006 10:50			WWC
pper		< MDL	mg/L	U	09/07/2006 10:19			WWC
Copper		100	%		09/08/2006 11:06			WWC
pper		< MDL	mg/L	U	09/07/2006 10:56			WWC
opper		1.01	mg/L		09/07/2006 11:09			WWC
Iron		9.91	mg/L		09/07/2006 12:03			WWC
on		99.1	%		09/08/2006 11:06			WWC
Iron		0.580	%		09/07/2006 11:03			WWC
on		4.85	mg/L		09/07/2006 10:37			WWC
Iron		< MDL	mg/L	U	09/07/2006 12:17			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
[redacted]atch Name $ICPWATER-7548		QA Sample ID AE12425						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
[redacted]t Calb Rec for Metals by 200.7								
[redacted]n		97.0	%		09/08/2006 11:06			WWC
Iron		4.85	mg/L		09/07/2006 10:24			WWC
[redacted]n		97.0	%		09/08/2006 11:06			WWC
Iron		8.59	mg/L		09/07/2006 11:03			WWC
[redacted]n		0.00	%		09/07/2006 10:50			WWC
Iron		3.65	mg/L		09/07/2006 10:50			WWC
[redacted]n		98.8	%		09/08/2006 11:06			WWC
[redacted]n		3.65	mg/L		09/07/2006 10:56			WWC
Iron		< MDL	mg/L	U	09/07/2006 10:19			WWC
[redacted]n		8.64	mg/L		09/07/2006 11:09			WWC
Lead		99.5	%		09/08/2006 11:06			WWC
[redacted]ad		0.310	%		09/07/2006 11:03			WWC
Lead		0.977	mg/L		09/07/2006 10:24			WWC
[redacted]ad		0.970	mg/L		09/07/2006 10:37			WWC
[redacted]ead		1.99	mg/L		09/07/2006 12:03			WWC
[redacted]ead		< MDL	mg/L	U	09/07/2006 12:17			WWC
[redacted]ad		97.7	%		09/08/2006 11:06			WWC
Lead		97.0	%		09/08/2006 11:06			WWC
[redacted]ad		0.965	mg/L		09/07/2006 11:03			WWC
Lead		< MDL	mg/L	U	09/07/2006 10:50			WWC
[redacted]ad		96.5	%		09/08/2006 11:06			WWC
[redacted]ead		< MDL	mg/L	U	09/07/2006 10:56			WWC
[redacted]ead		< MDL	mg/L	U	09/07/2006 10:19			WWC
[redacted]ad		0.00	%		09/07/2006 10:50			WWC
Lead		0.968	mg/L		09/07/2006 11:09			WWC
[redacted]ckel		101	%		09/08/2006 11:06			WWC
Nickel		0.704	%		09/07/2006 11:03			WWC
[redacted]ckel		0.978	mg/L		09/07/2006 10:37			WWC
Nickel		< MDL	mg/L	U	09/07/2006 12:17			WWC
[redacted]ckel		2.02	mg/L		09/07/2006 12:03			WWC
[redacted]ckel		99.7	%		09/08/2006 11:06			WWC
Nickel		97.8	%		09/08/2006 11:06			WWC
[redacted]ckel		0.997	mg/L		09/07/2006 10:24			WWC
Nickel		< MDL	mg/L	U	09/07/2006 10:50			WWC
[redacted]ckel		0.991	mg/L		09/07/2006 11:03			WWC
Nickel		< MDL	mg/L	U	09/07/2006 10:19			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name $ICPWATER-7548		QA Sample ID AE12425						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
MS Recovery for Metals by 200.7								
Nickel		99.1	%		09/08/2006 11:06			WWC
Nickel		< MDL	mg/L	U	09/07/2006 10:56			WWC
Nickel		0.998	mg/L		09/07/2006 11:09			WWC
Nickel		0.00	%		09/07/2006 10:50			WWC
Silver		< MDL	mg/L	U	09/07/2006 12:17			WWC
Silver		99.2	%		09/08/2006 11:06			WWC
Silver		1.19	%		09/07/2006 11:03			WWC
Silver		0.244	mg/L		09/07/2006 10:24			WWC
Silver		0.247	mg/L		09/07/2006 10:37			WWC
Silver		97.6	%		09/08/2006 11:06			WWC
Silver		0.496	mg/L		09/07/2006 12:03			WWC
Silver		98.8	%		09/08/2006 11:06			WWC
Silver		0.251	mg/L		09/07/2006 11:03			WWC
Silver		0.002	mg/L	I	09/07/2006 10:50			WWC
Silver		< MDL	mg/L	U	09/07/2006 10:19			WWC
Silver		99.6	%		09/08/2006 11:06			WWC
Silver		< MDL	mg/L	U	09/07/2006 10:56			WWC
Silver		NO RESULT	%		09/07/2006 10:50			WWC
Silver		0.254	mg/L		09/07/2006 11:09			WWC
Sodium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Sodium		94.9	%		09/08/2006 11:06			WWC
Sodium		1.47	%		09/07/2006 11:03			WWC
Sodium		49.7	mg/L		09/07/2006 10:24			WWC
Sodium		47.2	mg/L		09/07/2006 10:37			WWC
Sodium		94.9	mg/L		09/07/2006 12:03			WWC
Sodium		99.4	%		09/08/2006 11:06			WWC
Sodium		94.4	%		09/08/2006 11:06			WWC
Sodium		60.6	mg/L		09/07/2006 11:03			WWC
Sodium		< MDL	mg/L	U	09/07/2006 10:19			WWC
Sodium		98.2	%		09/08/2006 11:06			WWC
Sodium		11.5	mg/L		09/07/2006 10:56			WWC
Sodium		11.5	mg/L		09/07/2006 10:50			WWC
Sodium		61.5	mg/L		09/07/2006 11:09			WWC
Sodium		0.00	%		09/07/2006 10:50			WWC
Vanadium		< MDL	mg/L	U	09/07/2006 12:17			WWC
Vanadium		102	%		09/08/2006 11:06			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SICPWATER-7548		**QA Sample ID AE12425**						
Samples AE12425 AE12426 AE12427 AE12428 AE12429 AE12431 AE12432 AE12433								
nt Calb Rec for Metals by 200.7								
Vanadium		101	%		09/08/2006 11:06			WWC
nadium		99.8	%		09/08/2006 11:06			WWC
Vanadium		1.01	mg/L		09/07/2006 10:24			WWC
Vanadium		0.995	%		09/07/2006 11:03			WWC
nadium		0.993	mg/L		09/07/2006 10:37			WWC
Vanadium		2.04	mg/L		09/07/2006 12:03			WWC
nadium		99.3	%		09/08/2006 11:06			WWC
Vanadium		0.002	mg/L		09/07/2006 10:50			WWC
nadium		1.00	mg/L		09/07/2006 11:03			WWC
nadium		< MDL	mg/L	U	09/07/2006 10:19			WWC
nadium		0.002	mg/L		09/07/2006 10:56			WWC
nadium		1.01	mg/L		09/07/2006 11:09			WWC
Vanadium		0.00	%		09/07/2006 10:50			WWC
nc		98.0	%		09/08/2006 11:06			WWC
Zinc		< MDL	mg/L	U	09/07/2006 12:17			WWC
nc		1.54	%		09/07/2006 11:03			WWC
Zinc		0.952	mg/L		09/07/2006 10:24			WWC
nc		0.965	mg/L		09/07/2006 10:37			WWC
nc		1.96	mg/L		09/07/2006 12:03			WWC
Zinc		95.2	%		09/08/2006 11:06			WWC
nc		96.5	%		09/08/2006 11:06			WWC
Zinc		0.964	mg/L		09/07/2006 11:03			WWC
nc		0.979	mg/L		09/07/2006 11:09			WWC
Zinc		95.2	%		09/08/2006 11:06			WWC
nc		< MDL	mg/L	U	09/07/2006 10:19			WWC
nc		0.013	mg/L	I	09/07/2006 10:56			WWC
Zinc		0.012	mg/L	I	09/07/2006 10:50			WWC
nc		8.00	%		09/07/2006 10:50			WWC
Batch Name AMM-7499		**QA Sample ID AE12414**						
Samples AE12400 AE12401 AE12402 AE12403								
Method Blank for Ammonia		<MDL	mg/L	U	08/22/2006 13:10			EMM
itial Calibration for Ammonia		0.990	mg/L		08/22/2006 13:11			EMM
int Calb Rec for Ammonia		99.0	%		08/22/2006 13:11			EMM
mmonia		30.9	mg/L		08/22/2006 13:12			EMM
ample Dup for Ammonia		31.3	mg/L		08/22/2006 13:13			EMM
Samp Dup Precision for Ammonia		1.29	%		08/22/2006 13:12			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name AMM-7499		**QA Sample ID AE12414**						
Samples AE12400 AE12401 AE12402 AE12403								
Continuous Calibration for Ammonia		3.01	mg/L		08/22/2006 13:25			EMM
Cont Calb Rec for Ammonia		100	%		08/22/2006 13:25			EMM
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	08/22/2006 13:26			EMM
Batch Name AMM-7499A		**QA Sample ID AE12412**						
Samples AE12400 AE12401 AE12402 AE12403								
Ammonia		0.060	mg/L		08/22/2006 13:14			EMM
MS Result for Ammonia		0.609	mg/L		08/22/2006 13:15			EMM
Amt Spiked for Ammonia		0.500	mg/L		08/22/2006 13:15			EMM
MS Recovery for Ammonia		110	%		08/22/2006 13:14			EMM
Batch Name AMM-7501		**QA Sample ID AE12404**						
Samples AE12404 AE12405 AE12406 AE12407 AE12408 AE12425 AE12426 AE12427 AE12428 AE12429								
Ammonia		0.569	mg/L		08/22/2006 13:27			EMM
Sample Dup for Ammonia		0.563	mg/L		08/22/2006 13:28			EMM
Samp Dup Precision for Ammonia		1.06	%		08/22/2006 13:27			EMM
Continuous Calibration for Ammonia		3.00	mg/L		08/22/2006 13:40			EMM
Cont Calb Rec for Ammonia		100	%		08/22/2006 13:40			EMM
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	08/22/2006 13:41			EMM
Batch Name AMM-7501A		**QA Sample ID AE12405**						
Samples AE12404 AE12405 AE12406 AE12407 AE12408 AE12425 AE12426 AE12427 AE12428 AE12429								
Ammonia		0.811	mg/L		08/22/2006 13:29			EMM
MS Result for Ammonia		1.28	mg/L		08/22/2006 13:30			EMM
Amt Spiked for Ammonia		0.500	mg/L		08/22/2006 13:30			EMM
MS Recovery for Ammonia		93.8	%		08/22/2006 13:29			EMM
Batch Name AMM-7503		**QA Sample ID AE12430**						
Samples AE12430 AE12431 AE12432 AE12433								
Ammonia		0.922	mg/L		08/22/2006 13:42			EMM
Sample Dup for Ammonia		0.918	mg/L		08/22/2006 13:43			EMM
Samp Dup Precision for Ammonia		0.435	%		08/22/2006 13:42			EMM
Continuous Calibration for Ammonia		3.00	mg/L		08/22/2006 13:48			EMM
Cont Calb Rec for Ammonia		100	%		08/22/2006 13:48			EMM
Continuing Cal. Blank for Ammonia		<MDL	mg/L	U	08/22/2006 13:49			EMM
Batch Name AMM-7503A		**QA Sample ID AE12431**						
Samples AE12430 AE12431 AE12432 AE12433								
Ammonia		0.746	mg/L		08/22/2006 13:44			EMM
MS Result for Ammonia		1.21	mg/L		08/22/2006 13:45			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name AMM-7503A		**QA Sample ID AE12431**						
Samples AE12430 AE12431 AE12432 AE12433								
Amt Spiked for Ammonia		0.500	mg/L		08/22/2006 13:45			EMM
MS Recovery for Ammonia		92.8	%		08/22/2006 13:44			EMM
Batch Name CLIC-7533		**QA Sample ID AE12387**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405								
Method Blank for Chloride		<MDL	mg/L	U	08/24/2006 15:43			EMM
Init. CaL. for Chloride		31.6	mg/L		08/24/2006 15:55			EMM
Init Calb Conc for Chloride		30.3	mg/L		08/24/2006 15:55			EMM
Init Calb Rec for Chloride		104	%		08/24/2006 15:55			EMM
Chloride by Ion Chromatography		86.8	mg/L		08/24/2006 16:06			EMM
Sample Dup for Chloride		87.0	mg/L		08/24/2006 16:18			EMM
Samp Dup Prec for Chloride		0.230	%		08/24/2006 16:18			EMM
MS Result for Chloride		149	mg/L		08/24/2006 16:29			EMM
Amt Spiked for Chloride		60.0	mg/L		08/24/2006 16:29			EMM
MS Recovery for Chloride		104	%		08/24/2006 16:29			EMM
Cont. Cal. for Chloride		215	mg/L		08/24/2006 18:24			EMM
Cont Calb Rec for Chloride		108	%		08/24/2006 18:24			EMM
Cont. Blank for Chloride		<MDL	mg/L	U	08/24/2006 18:35			EMM
Batch Name CLIC-7534		**QA Sample ID AE12406**						
Samples AE12406 AE12407 AE12408 AE12425 AE12426 AE12427 AE12428 AE12429 AE12430 AE12431								
Chloride by Ion Chromatography		15.1	mg/L		08/24/2006 18:47			EMM
Sample Dup for Chloride		15.2	mg/L		08/24/2006 18:58			EMM
Samp Dup Prec for Chloride		0.660	%		08/24/2006 18:58			EMM
MS Result for Chloride		42.0	mg/L		08/24/2006 19:09			EMM
Amt Spiked for Chloride		25.0	mg/L		08/24/2006 19:09			EMM
MS Recovery for Chloride		108	%		08/24/2006 19:09			EMM
Cont. Cal. for Chloride		218	mg/L		08/24/2006 21:04			EMM
Cont Calb Rec for Chloride		109	%		08/24/2006 21:04			EMM
Cont. Blank for Chloride		<MDL	mg/L	U	08/24/2006 21:15			EMM
Batch Name CLIC-7550		**QA Sample ID AE12433**						
Samples AE12432 AE12433								
Method Blank for Chloride		<MDL	mg/L	U	08/25/2006 15:00			EMM
Init. CaL. for Chloride		33.4	mg/L		08/25/2006 15:12			EMM
Init Calb Conc for Chloride		30.3	mg/L		08/25/2006 15:12			EMM
Init Calb Rec for Chloride		110	%		08/25/2006 15:12			EMM
Chloride by Ion Chromatography		106	mg/L		08/25/2006 15:23			EMM
Sample Dup for Chloride		107	mg/L		08/25/2006 15:35			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
[redacted]atch Name CLIC-7550		**QA Sample ID AE12433**						
Samples AE12432 AE12433								
S[redacted]mp Dup Prec for Chloride		0.939	%		08/25/2006 15:35			EMM
MS Result for Chloride		168	mg/L		08/25/2006 15:46			EMM
A[redacted]t Spiked for Chloride		60.0	mg/L		08/25/2006 15:46			EMM
MS Recovery for Chloride		103	%		08/25/2006 15:46			EMM
C[redacted]nt. Cal. for Chloride		221	mg/L		08/25/2006 17:18			EMM
C[redacted]nt Calb Rec for Chloride		110	%		08/25/2006 17:18			EMM
Cont. Blank for Chloride		<MDL	mg/L	U	08/25/2006 17:29			EMM
[redacted]atch Name HG-7682		**QA Sample ID AE12400**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12425								
[redacted]nt Calb Rec for Mercury Cold Vapor		101	%		09/13/2006 11:17			WWC
Continuing Cal. Blank for Mercury Cold V		< MDL	ug/L	U	09/13/2006 11:19			WWC
C[redacted]ntinuous Calibration for Mercury Cold		5.05	ug/L		09/13/2006 11:17			WWC
Initial Calibration for Mercury Cold Vap		2.57	ug/L		09/13/2006 10:40			WWC
[redacted]Calb Rec for Mercury Cold Vapor		103	%		09/13/2006 10:40			WWC
M[redacted]rcury Cold Vapor		< MDL	ug/L	U	09/13/2006 10:45			WWC
Method Blank for Mercury Cold Vapor		< MDL	ug/L	U	09/13/2006 10:43			WWC
M[redacted] Recovery for Mercury Cold Vapor		102	%		09/13/2006 10:50			WWC
MS Result for Mercury Cold Vapor		1.02	ug/L		09/13/2006 10:50			WWC
M[redacted]/MSD Precision for Mercury Cold Vapor		0.976	%		09/13/2006 10:50			WWC
MSD Result for Mercury Cold Vapor		1.03	ug/L		09/13/2006 10:52			WWC
S[redacted]mp Dup Precision for Mercury Cold Vapo		Passed	%		09/13/2006 10:47			WWC
S[redacted]mple Dup for Mercury Cold Vapor		< MDL	ug/L	U	09/13/2006 10:47			WWC
Batch Name HG-7683		**QA Sample ID AE12427**						
Samples AE12426 AE12427 AE12428 AE12429 AE12430 AE12431 AE12432 AE12433								
Cont Calb Rec for Mercury Cold Vapor		101	%		09/13/2006 11:54			WWC
C[redacted]ntinuing Cal. Blank for Mercury Cold V		< MDL	ug/L	U	09/13/2006 11:56			WWC
Continuous Calibration for Mercury Cold		5.04	ug/L		09/13/2006 11:54			WWC
M[redacted]rcury Cold Vapor		< MDL	ug/L	U	09/13/2006 11:22			WWC
MS Recovery for Mercury Cold Vapor		101	%		09/13/2006 11:27			WWC
M[redacted]S Result for Mercury Cold Vapor		1.01	ug/L		09/13/2006 11:27			WWC
MS/MSD Precision for Mercury Cold Vapor		0.00	%		09/13/2006 11:29			WWC
MSD Result for Mercury Cold Vapor		1.01	ug/L		09/13/2006 11:29			WWC
A[redacted]mp Dup Precision for Mercury Cold Vapo		Passed	%		09/13/2006 11:24			WWC
Sample Dup for Mercury Cold Vapor		< MDL	ug/L	U	09/13/2006 11:24			WWC
[redacted]Batch Name NO3IC-7494		**QA Sample ID AE12412**						
Samples AE12403 AE12404 AE12405 AE12406								

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name NO3IC-7494		**QA Sample ID AE12412**						
Samples AE12403 AE12404 AE12405 AE12406								
Method Blank for Nitrate		<MDL	mg/L	U	08/22/2006 15:02			EMM
Init. Cal. for Nitrate		22.8	mg/L		08/22/2006 15:27			EMM
Int Calb Conc for Nitrate		22.8	mg/L		08/22/2006 15:27			EMM
Int Calb Rec for Nitrate		100	%		08/22/2006 15:27			EMM
Nitrate as N by Ion Chromatography		4.48	mg/L		08/22/2006 15:40			EMM
Sample Dup for Nitrate		4.48	mg/L		08/22/2006 15:52			EMM
Samp Dup Prec. for Nitrate		0.00	%		08/22/2006 15:52			EMM
MS Result for Nitrate		5.53	mg/L		08/22/2006 16:05			EMM
Amt Spiked for Nitrate		1.00	mg/L		08/22/2006 16:05			EMM
MS Recovery for Nitrate		105	%		08/22/2006 16:05			EMM
Cont. Cal. for Nitrate		10.1	mg/L		08/22/2006 18:11			EMM
Cont Calb Rec for Nitrate		101	%		08/22/2006 18:11			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	08/22/2006 18:24			EMM
Batch Name NO3IC-7495		**QA Sample ID AE12400**						
Samples AE12400 AE12401 AE12402 AE12407 AE12408 AE12425 AE12426 AE12427 AE12428 AE12429								
Nitrate as N by Ion Chromatography		<MDL	mg/L	U	08/22/2006 18:36			EMM
Sample Dup for Nitrate		<MDL	mg/L	U	08/22/2006 18:49			EMM
Samp Dup Prec. for Nitrate		Passed	%		08/22/2006 18:49			EMM
MS Result for Nitrate		1.02	mg/L		08/22/2006 19:01			EMM
Amt Spiked for Nitrate		1.00	mg/L		08/22/2006 19:01			EMM
MS Recovery for Nitrate		102	%		08/22/2006 19:01			EMM
Cont. Cal. for Nitrate		10.1	mg/L		08/22/2006 21:07			EMM
Cont Calb Rec for Nitrate		101	%		08/22/2006 21:07			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	08/22/2006 21:07			EMM
Batch Name NO3IC-7517		**QA Sample ID AE12430**						
Samples AE12430 AE12431 AE12432 AE12433								
Nitrate as N by Ion Chromatography		<MDL	mg/L	U	08/22/2006 21:32			EMM
Sample Dup for Nitrate		<MDL	mg/L	U	08/22/2006 21:45			EMM
Samp Dup Prec. for Nitrate		Passed	%		08/22/2006 21:45			EMM
MS Result for Nitrate		1.06	mg/L		08/22/2006 21:58			EMM
Amt Spiked for Nitrate		1.00	mg/L		08/22/2006 21:58			EMM
MS Recovery for Nitrate		106	%		08/22/2006 21:58			EMM
Cont. Cal. for Nitrate		10.0	mg/L		08/22/2006 22:48			EMM
Cont Calb Rec for Nitrate		100	%		08/22/2006 22:48			EMM
Cont. Blank for Nitrate		<MDL	mg/L	U	08/22/2006 23:01			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SBAA-7497		**QA Sample ID AE12400**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407								
timony by GFAAS		< MDL	mg/L	U	08/23/2006 10:39			WWC
Cont Calb Rec for Antimony by GFAAS		101	%		08/23/2006 12:19			WWC
ntinuing Cal. Blank for Antimony by GF		< MDL	mg/L	U	08/23/2006 12:27			WWC
Continuous Calibration for Antimony by G		0.076	mg/L		08/23/2006 12:19			WWC
ial Calibration for Antimony by GFAA		0.051	mg/L		08/23/2006 10:23			WWC
Calb Rec for Antimony by GFAAS		102	%		08/23/2006 10:23			WWC
Method Blank for Antimony by GFAAS		< MDL	mg/L	U	08/23/2006 10:31			WWC
Recovery for Antimony by GFAAS		100	%		08/23/2006 10:54			WWC
MS Result for Antimony by GFAAS		0.050	mg/L		08/23/2006 10:54			WWC
/MSD Precision for Antimony by GFAAS		1.98	mg/L		08/23/2006 10:54			WWC
MSD Result for Antimony by GFAAS		0.051	mg/L		08/23/2006 11:02			WWC
mp Dup Precision for Antimony by GFAAS		Passed	%		08/24/2006 10:47			WWC
mple Dup for Antimony by GFAAS		< MDL	mg/L	U	08/23/2006 10:47			WWC
Batch Name SBAA-7531		**QA Sample ID AE12408**						
Samples AE12408 AE12425 AE12426 AE12427 AE12428 AE12429 AE12430 AE12431 AE12432 AE12433								
Antimony by GFAAS		< MDL	mg/L	U	08/29/2006 10:44			WC
nt Calb Rec for Antimony by GFAAS		96.0	%		08/29/2006 12:25			WC
Continuing Cal. Blank for Antimony by GF		< MDL	mg/L	U	08/29/2006 12:33			WC
ntinuous Calibration for Antimony by G		0.072	mg/L		08/29/2006 12:25			WC
Initial Calibration for Antimony by GFAA		0.049	mg/L		08/29/2006 09:57			WC
Calb Rec for Antimony by GFAAS		98.0	%		08/29/2006 09:57			WC
thod Blank for Antimony by GFAAS		< MDL	mg/L	U	08/29/2006 09:49			WC
MS Recovery for Antimony by GFAAS		98.0	%		08/29/2006 10:59			WC
Result for Antimony by GFAAS		0.049	mg/L		08/29/2006 10:59			WC
MS/MSD Precision for Antimony by GFAAS		2.06	mg/L		08/29/2006 11:07			WC
SD Result for Antimony by GFAAS		0.048	mg/L		08/29/2006 11:07			WC
Samp Dup Precision for Antimony by GFAAS		Passed	%		08/30/2006 10:51			WWC
mple Dup for Antimony by GFAAS		< MDL	mg/L	U	08/29/2006 10:51			WC
Batch Name SEAA-7594		**QA Sample ID AE12405**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12425								
ont Calb Rec for Selenium		98.0	%		09/06/2006 11:56			WWC
ont. Cal. Blank for Selenium		< MDL	mg/L	U	09/06/2006 12:04			WWC
ntinuous Calibration for Selenium		0.098	mg/L		09/06/2006 11:56			WWC
Initial Calibration for Selenium		0.050	mg/L		09/06/2006 10:07			WWC
Calb Rec for Selenium		100	%		09/06/2006 10:07			WWC
Method Blank for Selenium		< MDL	mg/L	U	09/06/2006 11:00			WWC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name SEAA-7594		**QA Sample ID AE12405**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12425								
MS Recovery for Selenium		100	%		09/06/2006 10:31			WWC
MS Result for Selenium		0.053	mg/L		09/06/2006 10:31			WWC
MS/MSD Precision for Selenium by GFAAS		1.90	%		09/06/2006 10:31			WWC
MSD Result for Selenium by GFAAS		0.052	mg/L		09/06/2006 10:38			WWC
Samp Dup Precision for Selenium		0.00	%		09/06/2006 10:23			WWC
Sample Dup for Selenium		0.003	mg/L		09/06/2006 10:23			WWC
Selenium by GFAAS		0.003	mg/L		09/06/2006 10:15			WWC
Batch Name SEAA-7595		**QA Sample ID AE12431**						
Samples AE12426 AE12427 AE12428 AE12429 AE12430 AE12431 AE12432 AE12433								
Int Calb Rec for Selenium		104	%		09/07/2006 16:51			WWC
Cont. Cal. Blank for Selenium		< MDL	mg/L	U	09/07/2006 16:59			WWC
Continuous Calibration for Selenium		0.104	mg/L		09/07/2006 16:51			WWC
Initial Calibration for Selenium		0.050	mg/L		09/07/2006 15:03			WWC
Int Calb Rec for Selenium		100	%		09/07/2006 15:03			WWC
Method Blank for Selenium		< MDL	mg/L	U	09/07/2006 14:55			WWC
MS Recovery for Selenium		104	%		09/07/2006 15:26			WWC
MS Result for Selenium		0.053	mg/L		09/07/2006 15:26			WWC
MS/MSD Precision for Selenium by GFAAS		0.00	%		09/07/2006 15:26			WWC
MSD Result for Selenium by GFAAS		0.053	mg/L		09/07/2006 15:34			WWC
Samp Dup Precision for Selenium		0.00	%		09/07/2006 15:18			WWC
Sample Dup for Selenium		0.001	mg/L		09/07/2006 15:18			WWC
Selenium by GFAAS		0.001	mg/L		09/07/2006 15:11			WWC
Batch Name TDS-7505		**QA Sample ID AE12402**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407 AE12408 AE12425								
Method Blank for TDS		<MDL	mg/L	U	08/24/2006 13:30			LK/EN
Initial Calibration for TDS		299	mg/L		08/24/2006 13:30			LK/EN
Int Calb Conc for TDS		300	mg/L		08/24/2006 13:30			LK/EN
Int Calb Rec for TDS		99.7	%		08/24/2006 13:30			LK/EN
Total Dissolved Solids		613	mg/L		08/24/2006 13:30			LK/EN
Sample Dup for TDS		611	mg/L		08/24/2006 13:30			LK/EN
Samp Dup Precision for TDS		Pass	%		08/24/2006 13:30			LK/EN
Batch Name TDS-7506		**QA Sample ID AE12427**						
Samples AE12426 AE12427 AE12428								
Total Dissolved Solids		648	mg/L		08/24/2006 13:30			LK/EN
Sample Dup for TDS		660	mg/L		08/24/2006 13:30			LK/EN
Samp Dup Precision for TDS		Pass	%		08/24/2006 13:30			LK/EN

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name TDS-7542		**QA Sample ID AE12430**						
Samples AE12429 AE12430 AE12431 AE12432 AE12433								
Method Blank for TDS		<MDL	mg/L	U	08/28/2006 10:30			EMM/
Initial Calibration for TDS		286	mg/L		08/28/2006 10:30			EMM/
Calb Conc for TDS		300	mg/L		08/28/2006 10:30			EMM/
Int Calb Rec for TDS		95.3	%		08/28/2006 10:30			EMM/
Total Dissolved Solids		558	mg/L		08/28/2006 10:30			EMM/
Sample Dup for TDS		549	mg/L		08/28/2006 10:30			EMM/
Samp Dup Precision for TDS		Pass	%		08/28/2006 11:22			IR
Batch Name TLAA-7508		**QA Sample ID AE12400**						
Samples AE12400 AE12401 AE12402 AE12403 AE12404 AE12405 AE12406 AE12407								
Int Calb Rec for Thallium by GFAAS		96.0	%		08/24/2006 12:38			WWC
Continuing Cal. Blank for Thallium by GF		< MDL	mg/L	U	08/24/2006 12:46			WWC
Continuous Calibration for Thallium by G		0.096	mg/L		08/24/2006 12:38			WWC
Initial Calibration for Thallium by GFAA		0.052	mg/L		08/24/2006 10:38			WWC
Calb Rec for Thallium by GFAAS		104	%		08/24/2006 10:38			WWC
Method Blank for Thallium by GFAAS		< MDL	mg/L	U	08/24/2006 10:58			WWC
MS Recovery for Thallium by GFAAS		100	%		08/24/2006 11:23			WWC
MS Result for Thallium by GFAAS		0.051	mg/L		08/24/2006 11:23			WWC
MS/MSD Precision for Thallium by GFAAS		4.00	%		08/24/2006 11:23			WWC
MSD Result for Thallium by GFAAS		0.049	mg/L		08/24/2006 11:31			WWC
Samp Dup Precision for Thallium by GFAAS		Passed	%		08/24/2006 11:31			WWC
Sample Dup for Thallium by GFAAS		< MDL	mg/L	U	08/24/2006 11:15			WWC
Thallium by GFAAS		0.001	mg/L	I	08/24/2006 11:07			WWC
Batch Name TLAA-7529		**QA Sample ID AE12408**						
Samples AE12408 AE12425 AE12426 AE12427 AE12428 AE12429 AE12430 AE12431 AE12432 AE12433								
Cont Calb Rec for Thallium by GFAAS		104	%		08/25/2006 11:58			WC
Continuing Cal. Blank for Thallium by GF		< MDL	mg/L	U	08/25/2006 12:16			WC
Continuous Calibration for Thallium by G		0.104	mg/L		08/25/2006 11:58			WC
Initial Calibration for Thallium by GFAA		0.051	mg/L		08/25/2006 10:03			WC
Int Calb Rec for Thallium by GFAAS		102	%		08/25/2006 10:03			WC
Method Blank for Thallium by GFAAS		< MDL	mg/L	U	08/25/2006 09:54			WC
MS Recovery for Thallium by GFAAS		102	%		08/25/2006 10:27			WC
MS Result for Thallium by GFAAS		0.051	mg/L		08/25/2006 10:27			WC
MS/MSD Precision for Thallium by GFAAS		5.71	%		08/25/2006 10:35			WC
MSD Result for Thallium by GFAAS		0.054	mg/L		08/25/2006 10:35			WC
Samp Dup Precision for Thallium by GFAAS		Passed	%		08/28/2006 10:19			WWC
Sample Dup for Thallium by GFAAS		< MDL	mg/L	U	08/25/2006 10:19			WC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
atch Name TLAA-7529		QA Sample ID AE12408						
Samples AE12408 AE12425 AE12426 AE12427 AE12428 AE12429 AE12430 AE12431 AE12432 AE12433								
allium by GFAAS		< MDL	mg/L	U	08/25/2006 10:11			WC

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

ACCREDITED IN ACCORDANCE WITH nelac

DATA QUALIFIER CODES

A	Value reported is the mean (average) of two or more determinations
B	Results based upon colony counts outside the acceptable range. This code applies to microbiological tests, specifically to membrane filter colony counts, and is ysed only if the colony count is generated from a plate in which the total number of coliform colonies exceeds the method indicated ideal ranges.
C	Analysis performed by contract laboratory
F	When reporting species, this code indicates the female sex.
H	Holiday
I	The reported value is between the laboratory method detection limit and the laboratory practical quanitation limit.
J	Estimated value, may not be accurate. Use of this code requires justification for its use and is used in the following situations: 1. Exceeding of surrogate recovery limits 2. Existence of no quality control criteria for a component 3. Failure to meet established precision and accuracy criteria 4. Matrix interference 5. Questionable data due to improper field or lab protocols "J" Values are exclusive and are not used in conjunction with other codes
K	Indicates off scale low and the actual value is known to be less than the value listed. Used if the value is less than the lowest calibration standard when the calibration curve is known to be non-linear. Can also be used if the actual value is known to be less than the reported value based on sample size,dilution.
L	Off scale high and the actual value is known to be greater than the reported value. Used when the sample concentration of the analyte exceeds the linear range or highest calibration standard and the calibration curve is known to exhibit a negative deflection.
M	To be used for chemical analysis: the presence of the analyte is verified but not quantified and the actual value is less than the value reported.
N	Presumptive evidence of presence of compound. To be used when the compound has been determined by TIC (mass spectral library search) or if presence of the compound cannot be confirmed using alternate procedures.
O	Indicates analysis was lost or not performed
Q	Analyzed after holding time expired
R	Re-sample
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	Less than the method detection limit
U1	Analyte was not detected; indicated concentration is method detection limit. Radiochemistry MDL is sample specific and matrix dependent.
V	Blank contamination. Resuls are valid and can be reported
X	Time of collection not provided
Y	Laboratory analysis was performed on sample, which was unpreserved or improperly preserved, therefore, the data may be inacurate.
Z	Too many colonies present. (TNTC)
%	Below FDEP limits.
*	Analysis was not performed due to interference
#	No sample received
?	Indicates that the data 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

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
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-1**
Matrix	**Groundwater**
SAL Sample Number	**62580.01**
Date/Time Collected	**08/21/06 06:52**
Date/Time Received	**08/21/06 13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 12:16	08/30/06 12:16	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 12:16	08/30/06 12:16	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:16	08/30/06 12:16	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 12:16	08/30/06 12:16	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:16	08/30/06 12:16	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 12:16	08/30/06 12:16	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15 0.02	08/30/06 12:16	08/30/06 12:16	NT PQL 2 OK
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5 0.2	08/30/06 12:16	08/30/06 12:16	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50 0.02	08/30/06 12:16	08/30/06 12:16	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:16	08/30/06 12:16	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 12:16	08/30/06 12:16	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:16	08/30/06 12:16	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:16	08/30/06 12:16	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 12:16	08/30/06 12:16	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 12:16	08/30/06 12:16	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2 0.06	08/30/06 12:16	08/30/06 12:16	NT PQL 20 OK
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:16	08/30/06 12:16	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 12:16	08/30/06 12:16	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 12:16	08/30/06 12:16	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 12:16	08/30/06 12:16	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:16	08/30/06 12:16	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 12:16	08/30/06 12:16	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 12:16	08/30/06 12:16	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 12:16	08/30/06 12:16	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:16	08/30/06 12:16	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 12:16	08/30/06 12:16	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 12:16	08/30/06 12:16	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 12:16	08/30/06 12:16	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:16	08/30/06 12:16	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 12:16	08/30/06 12:16	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 12:16	08/30/06 12:16	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:16	08/30/06 12:16	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5 NE	08/30/06 12:16	08/30/06 12:16	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 12:16	08/30/06 12:16	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 12:16	08/30/06 12:16	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 12:16	08/30/06 12:16	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 12:16	08/30/06 12:16	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:16	08/30/06 12:16	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 12:16	08/30/06 12:16	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:16	08/30/06 12:16	NT

FDOH Laboratory No. E84129
NELAP Accredited

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

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-1**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.01**	
Date/Time Collected	**08/21/06**	**06:52**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:16	08/30/06 12:16	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5 NE	08/30/06 12:16	08/30/06 12:16	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:16	08/30/06 12:16	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:16	08/30/06 12:16	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 12:16	08/30/06 12:16	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:16	08/30/06 12:16	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:16	08/30/06 12:16	NT
Field Parameter							
Total Well Depth	ft.	19.49			08/21/06 06:52		LRW
Reference Elevation (Top of Casing)	ft., NGVD	38.68			08/21/06 06:52		LRW
Depth to Water (below Top of Casing)	ft.	4.89	DEP FS2211		08/21/06 06:52		LRW
Specific Conductance	umhos/cm	834	DEP FT1200		08/21/06 06:52		LRW
Water Elevation	ft., NGVD	33.79	DEP FS2211		08/21/06 06:52		LRW
Water Temperature	C	25.4	DEP FT1400		08/21/06 06:52		LRW
pH	Units	6.0	DEP FT1100		08/21/06 06:52		LRW
Dissolved Oxygen	mg/l	0.3	DEP FT1500		08/21/06 06:52		LRW
Turbidity	NTU	7.7	DEP FT1600		08/21/06 06:52		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-2**
Matrix	**Groundwater**
SAL Sample Number	**62580.02**
Date/Time Collected	**08/21/06 07:18**
Date/Time Received	**08/21/06 13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 12:41	08/30/06 12:41	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 12:41	08/30/06 12:41	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:41	08/30/06 12:41	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 12:41	08/30/06 12:41	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:41	08/30/06 12:41	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 12:41	08/30/06 12:41	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 12:41	08/30/06 12:41	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:41	08/30/06 12:41	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 12:41	08/30/06 12:41	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:41	08/30/06 12:41	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 12:41	08/30/06 12:41	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 12:41	08/30/06 12:41	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 12:41	08/30/06 12:41	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 12:41	08/30/06 12:41	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 12:41	08/30/06 12:41	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 12:41	08/30/06 12:41	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 12:41	08/30/06 12:41	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 12:41	08/30/06 12:41	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 12:41	08/30/06 12:41	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 12:41	08/30/06 12:41	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 12:41	08/30/06 12:41	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 12:41	08/30/06 12:41	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 12:41	08/30/06 12:41	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:41	08/30/06 12:41	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 12:41	08/30/06 12:41	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 12:41	08/30/06 12:41	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:41	08/30/06 12:41	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 12:41	08/30/06 12:41	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 12:41	08/30/06 12:41	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 12:41	08/30/06 12:41	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 12:41	08/30/06 12:41	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 12:41	08/30/06 12:41	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 12:41	08/30/06 12:41	NT

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-2**
Matrix	**Groundwater**
SAL Sample Number	**62580.02**
Date/Time Collected	**08/21/06 07:18**
Date/Time Received	**08/21/06 13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 12:41	08/30/06 12:41	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 12:41	08/30/06 12:41	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 12:41	08/30/06 12:41	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 12:41	08/30/06 12:41	NT
Field Parameter							
Total Well Depth	ft.	19.42			08/21/06 07:18		LRW
Reference Elevation (Top of Casing)	ft., NGVD	40.92			08/21/06 07:18		LRW
Depth to Water (below Top of Casing)	ft.	7.27	DEP FS2211		08/21/06 07:18		LRW
Specific Conductance	umhos/cm	576	DEP FT1200		08/21/06 07:18		LRW
Water Elevation	ft., NGVD	33.65	DEP FS2211		08/21/06 07:18		LRW
Water Temperature	C	27.0	DEP FT1400		08/21/06 07:18		LRW
pH	Units	6.2	DEP FT1100		08/21/06 07:18		LRW
Dissolved Oxygen	mg/l	0.3	DEP FT1500		08/21/06 07:18		LRW
Turbidity	NTU	19	DEP FT1600		08/21/06 07:18		LRW

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Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-3**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.03**	
Date/Time Collected	**08/21/06**	**07:54**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 13:06	08/30/06 13:06	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 13:06	08/30/06 13:06	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 13:06	08/30/06 13:06	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 13:06	08/30/06 13:06	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 13:06	08/30/06 13:06	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 13:06	08/30/06 13:06	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 13:06	08/30/06 13:06	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 13:06	08/30/06 13:06	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 13:06	08/30/06 13:06	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 13:06	08/30/06 13:06	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 13:06	08/30/06 13:06	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 13:06	08/30/06 13:06	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 13:06	08/30/06 13:06	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 13:06	08/30/06 13:06	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 13:06	08/30/06 13:06	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 13:06	08/30/06 13:06	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 13:06	08/30/06 13:06	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 13:06	08/30/06 13:06	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 13:06	08/30/06 13:06	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 13:06	08/30/06 13:06	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 13:06	08/30/06 13:06	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 13:06	08/30/06 13:06	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 13:06	08/30/06 13:06	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 13:06	08/30/06 13:06	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 13:06	08/30/06 13:06	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 13:06	08/30/06 13:06	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 13:06	08/30/06 13:06	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 13:06	08/30/06 13:06	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 13:06	08/30/06 13:06	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 13:06	08/30/06 13:06	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 13:06	08/30/06 13:06	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 13:06	08/30/06 13:06	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 13:06	08/30/06 13:06	NT

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-3**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.03**	
Date/Time Collected	**08/21/06**	**07:54**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 13:06	08/30/06 13:06	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 13:06	08/30/06 13:06	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 13:06	08/30/06 13:06	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 13:06	08/30/06 13:06	NT
Field Parameter							
Total Well Depth	ft.	19.60			08/21/06 07:54		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.40			08/21/06 07:54		LRW
Depth to Water (below Top of Casing)	ft.	3.54	DEP FS2211		08/21/06 07:54		LRW
Specific Conductance	umhos/cm	839	DEP FT1200		08/21/06 07:54		LRW
Water Elevation	ft., NGVD	35.86	DEP FS2211		08/21/06 07:54		LRW
Water Temperature	C	26.2	DEP FT1400		08/21/06 07:54		LRW
pH	Units	7.0	DEP FT1100		08/21/06 07:54		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/21/06 07:54		LRW
Turbidity	NTU	3.9	DEP FT1600		08/21/06 07:54		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-4**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.04**	
Date/Time Collected	**08/21/06**	**08:29**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 14:45	08/30/06 14:45	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 14:45	08/30/06 14:45	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 14:45	08/30/06 14:45	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 14:45	08/30/06 14:45	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 14:45	08/30/06 14:45	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 14:45	08/30/06 14:45	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 14:45	08/30/06 14:45	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 14:45	08/30/06 14:45	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 14:45	08/30/06 14:45	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 14:45	08/30/06 14:45	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 14:45	08/30/06 14:45	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 14:45	08/30/06 14:45	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 14:45	08/30/06 14:45	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 14:45	08/30/06 14:45	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 14:45	08/30/06 14:45	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 14:45	08/30/06 14:45	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 14:45	08/30/06 14:45	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 14:45	08/30/06 14:45	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 14:45	08/30/06 14:45	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 14:45	08/30/06 14:45	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 14:45	08/30/06 14:45	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 14:45	08/30/06 14:45	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 14:45	08/30/06 14:45	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 14:45	08/30/06 14:45	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 14:45	08/30/06 14:45	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 14:45	08/30/06 14:45	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 14:45	08/30/06 14:45	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 14:45	08/30/06 14:45	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 14:45	08/30/06 14:45	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 14:45	08/30/06 14:45	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 14:45	08/30/06 14:45	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 14:45	08/30/06 14:45	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 14:45	08/30/06 14:45	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-4**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.04**	
Date/Time Collected	**08/21/06**	**08:29**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 14:45	08/30/06 14:45	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 14:45	08/30/06 14:45	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 14:45	08/30/06 14:45	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 14:45	08/30/06 14:45	NT
Field Parameter							
Total Well Depth	ft.	19.52			08/21/06 08:29		LRW
Reference Elevation (Top of Casing)	ft., NGVD	40.53			08/21/06 08:29		LRW
Depth to Water (below Top of Casing)	ft.	6.27	DEP FS2211		08/21/06 08:29		LRW
Specific Conductance	umhos/cm	524	DEP FT1200		08/21/06 08:29		LRW
Water Elevation	ft., NGVD	34.26	DEP FS2211		08/21/06 08:29		LRW
Water Temperature	C	26.8	DEP FT1400		08/21/06 08:29		LRW
pH	Units	6.9	DEP FT1100		08/21/06 08:29		LRW
Dissolved Oxygen	mg/l	0.5	DEP FT1500		08/21/06 08:29		LRW
Turbidity	NTU	12	DEP FT1600		08/21/06 08:29		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-5**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.05**	
Date/Time Collected	**08/21/06**	**08:59**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:10	08/30/06 15:10	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 15:10	08/30/06 15:10	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:10	08/30/06 15:10	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 15:10	08/30/06 15:10	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:10	08/30/06 15:10	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 15:10	08/30/06 15:10	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15 .02	08/30/06 15:10	08/30/06 15:10	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5 0.2	08/30/06 15:10	08/30/06 15:10	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50 .02	08/30/06 15:10	08/30/06 15:10	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:10	08/30/06 15:10	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 15:10	08/30/06 15:10	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:10	08/30/06 15:10	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:10	08/30/06 15:10	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 15:10	08/30/06 15:10	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 15:10	08/30/06 15:10	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2 0.06	08/30/06 15:10	08/30/06 15:10	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:10	08/30/06 15:10	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:10	08/30/06 15:10	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 15:10	08/30/06 15:10	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:10	08/30/06 15:10	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:10	08/30/06 15:10	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 15:10	08/30/06 15:10	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 15:10	08/30/06 15:10	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:10	08/30/06 15:10	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:10	08/30/06 15:10	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 15:10	08/30/06 15:10	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 15:10	08/30/06 15:10	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 15:10	08/30/06 15:10	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:10	08/30/06 15:10	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 15:10	08/30/06 15:10	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 15:10	08/30/06 15:10	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:10	08/30/06 15:10	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:10	08/30/06 15:10	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 15:10	08/30/06 15:10	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 15:10	08/30/06 15:10	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 15:10	08/30/06 15:10	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 15:10	08/30/06 15:10	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:10	08/30/06 15:10	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 15:10	08/30/06 15:10	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:10	08/30/06 15:10	NT

FDOH Laboratory No. E84129
NELAP Accredited

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

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-5**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.05**	
Date/Time Collected	**08/21/06**	**08:59**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:10	08/30/06 15:10	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:10	08/30/06 15:10	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:10	08/30/06 15:10	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:10	08/30/06 15:10	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 15:10	08/30/06 15:10	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:10	08/30/06 15:10	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:10	08/30/06 15:10	NT
Field Parameter							
Total Well Depth	ft.	19.47			08/21/06 08:59		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.90			08/21/06 08:59		LRW
Depth to Water (below Top of Casing)	ft.	6.64	DEP FS2211		08/21/06 08:59		LRW
Specific Conductance	umhos/cm	698	DEP FT1200		08/21/06 08:59		LRW
Water Elevation	ft., NGVD	33.26	DEP FS2211		08/21/06 08:59		LRW
Water Temperature	C	27.1	DEP FT1400		08/21/06 08:59		LRW
pH	Units	7.0	DEP FT1100		08/21/06 08:59		LRW
Dissolved Oxygen	mg/l	0.3	DEP FT1500		08/21/06 08:59		LRW
Turbidity	NTU	9.3	DEP FT1600		08/21/06 08:59		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-6**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.06**	
Date/Time Collected	**08/21/06**	**09:28**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:34	08/30/06 15:34	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 15:34	08/30/06 15:34	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:34	08/30/06 15:34	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 15:34	08/30/06 15:34	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:34	08/30/06 15:34	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 15:34	08/30/06 15:34	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 15:34	08/30/06 15:34	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:34	08/30/06 15:34	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 15:34	08/30/06 15:34	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:34	08/30/06 15:34	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:34	08/30/06 15:34	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 15:34	08/30/06 15:34	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 15:34	08/30/06 15:34	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 15:34	08/30/06 15:34	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:34	08/30/06 15:34	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 15:34	08/30/06 15:34	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:34	08/30/06 15:34	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 15:34	08/30/06 15:34	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 15:34	08/30/06 15:34	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:34	08/30/06 15:34	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 15:34	08/30/06 15:34	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 15:34	08/30/06 15:34	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 15:34	08/30/06 15:34	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:34	08/30/06 15:34	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 15:34	08/30/06 15:34	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 15:34	08/30/06 15:34	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:34	08/30/06 15:34	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 15:34	08/30/06 15:34	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 15:34	08/30/06 15:34	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 15:34	08/30/06 15:34	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 15:34	08/30/06 15:34	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 15:34	08/30/06 15:34	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:34	08/30/06 15:34	NT

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-6**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.06**	
Date/Time Collected	**08/21/06**	**09:28**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:34	08/30/06 15:34	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:34	08/30/06 15:34	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 15:34	08/30/06 15:34	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:34	08/30/06 15:34	NT
Field Parameter							
Total Well Depth	ft.	19.50			08/21/06 09:28		LRW
Reference Elevation (Top of Casing)	ft., NGVD	38.95			08/21/06 09:28		LRW
Depth to Water (below Top of Casing)	ft.	6.36	DEP FS2211		08/21/06 09:28		LRW
Specific Conductance	umhos/cm	1,204	DEP FT1200		08/21/06 09:28		LRW
Water Elevation	ft., NGVD	32.59	DEP FS2211		08/21/06 09:28		LRW
Water Temperature	C	27.1	DEP FT1400		08/21/06 09:28		LRW
pH	Units	7.3	DEP FT1100		08/21/06 09:28		LRW
Dissolved Oxygen	mg/l	0.4	DEP FT1500		08/21/06 09:28		LRW
Turbidity	NTU	1.2	DEP FT1600		08/21/06 09:28		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	Groundwater Monitoring Well Analyses - Lena Road Landfill	
Sample Description	GW-7	
Matrix	Groundwater	
SAL Sample Number	62580.07	
Date/Time Collected	08/21/06	09:55
Date/Time Received	08/21/06	13:11

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:59	08/30/06 15:59	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 15:59	08/30/06 15:59	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:59	08/30/06 15:59	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 15:59	08/30/06 15:59	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:59	08/30/06 15:59	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 15:59	08/30/06 15:59	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 15:59	08/30/06 15:59	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:59	08/30/06 15:59	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 15:59	08/30/06 15:59	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:59	08/30/06 15:59	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 15:59	08/30/06 15:59	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 15:59	08/30/06 15:59	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 15:59	08/30/06 15:59	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 15:59	08/30/06 15:59	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:59	08/30/06 15:59	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 15:59	08/30/06 15:59	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 15:59	08/30/06 15:59	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 15:59	08/30/06 15:59	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 15:59	08/30/06 15:59	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 15:59	08/30/06 15:59	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 15:59	08/30/06 15:59	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 15:59	08/30/06 15:59	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 15:59	08/30/06 15:59	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:59	08/30/06 15:59	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 15:59	08/30/06 15:59	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 15:59	08/30/06 15:59	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:59	08/30/06 15:59	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 15:59	08/30/06 15:59	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 15:59	08/30/06 15:59	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 15:59	08/30/06 15:59	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 15:59	08/30/06 15:59	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 15:59	08/30/06 15:59	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 15:59	08/30/06 15:59	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-7**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.07**	
Date/Time Collected	**08/21/06**	**09:55**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 15:59	08/30/06 15:59	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 15:59	08/30/06 15:59	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 15:59	08/30/06 15:59	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 15:59	08/30/06 15:59	NT
Field Parameter							
Total Well Depth	ft.	19.57			08/21/06 09:55		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.49			08/21/06 09:55		LRW
Depth to Water (below Top of Casing)	ft.	7.83	DEP FS2211		08/21/06 09:55		LRW
Specific Conductance	umhos/cm	674	DEP FT1200		08/21/06 09:55		LRW
Water Elevation	ft., NGVD	31.66	DEP FS2211		08/21/06 09:55		LRW
Water Temperature	C	27.7	DEP FT1400		08/21/06 09:55		LRW
pH	Units	7.2	DEP FT1100		08/21/06 09:55		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/21/06 09:55		LRW
Turbidity	NTU	12	DEP FT1600		08/21/06 09:55		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-8**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.08**	
Date/Time Collected	**08/21/06**	**10:34**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 16:24	08/30/06 16:24	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 16:24	08/30/06 16:24	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:24	08/30/06 16:24	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 16:24	08/30/06 16:24	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:24	08/30/06 16:24	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 16:24	08/30/06 16:24	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 16:24	08/30/06 16:24	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:24	08/30/06 16:24	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 16:24	08/30/06 16:24	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:24	08/30/06 16:24	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:24	08/30/06 16:24	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 16:24	08/30/06 16:24	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 16:24	08/30/06 16:24	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 16:24	08/30/06 16:24	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 16:24	08/30/06 16:24	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 16:24	08/30/06 16:24	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 16:24	08/30/06 16:24	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 16:24	08/30/06 16:24	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 16:24	08/30/06 16:24	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 16:24	08/30/06 16:24	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 16:24	08/30/06 16:24	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 16:24	08/30/06 16:24	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 16:24	08/30/06 16:24	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:24	08/30/06 16:24	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 16:24	08/30/06 16:24	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 16:24	08/30/06 16:24	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:24	08/30/06 16:24	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 16:24	08/30/06 16:24	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 16:24	08/30/06 16:24	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 16:24	08/30/06 16:24	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 16:24	08/30/06 16:24	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
Toluene	ug/l	1.1 S13	EPA 8260	0.51	08/30/06 16:24	08/30/06 16:24	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:24	08/30/06 16:24	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-8**
Matrix	**Groundwater**
SAL Sample Number	**62580.08**
Date/Time Collected	**08/21/06 10:34**
Date/Time Received	**08/21/06 13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:24	08/30/06 16:24	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:24	08/30/06 16:24	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 16:24	08/30/06 16:24	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
Xylenes, Total	ug/l	0.64 I,S13	EPA 8260	0.50	08/30/06 16:24	08/30/06 16:24	NT
Field Parameter							
Total Well Depth	ft.	19.59			08/21/06 10:34		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.75			08/21/06 10:34		LRW
Depth to Water (below Top of Casing)	ft.	9.16	DEP FS2211		08/21/06 10:34		LRW
Specific Conductance	umhos/cm	1,471	DEP FT1200		08/21/06 10:34		LRW
Water Elevation	ft., NGVD	29.59 30.59	DEP FS2211		08/21/06 10:34		LRW
Water Temperature	C	27.7	DEP FT1400		08/21/06 10:34		LRW
pH	Units	7.3	DEP FT1100		08/21/06 10:34		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/21/06 10:34		LRW
Turbidity	NTU	5.0	DEP FT1600		08/21/06 10:34		LRW

see field sheet - AAmran

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5101 65th Street West
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September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-9**
Matrix	**Groundwater**
SAL Sample Number	**62580.09**
Date/Time Collected	**08/21/06 11:09**
Date/Time Received	**08/21/06 13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 16:49	08/30/06 16:49	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 16:49	08/30/06 16:49	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:49	08/30/06 16:49	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 16:49	08/30/06 16:49	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:49	08/30/06 16:49	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 16:49	08/30/06 16:49	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 16:49	08/30/06 16:49	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:49	08/30/06 16:49	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 16:49	08/30/06 16:49	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:49	08/30/06 16:49	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 16:49	08/30/06 16:49	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 16:49	08/30/06 16:49	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 16:49	08/30/06 16:49	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 16:49	08/30/06 16:49	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 16:49	08/30/06 16:49	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 16:49	08/30/06 16:49	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 16:49	08/30/06 16:49	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 16:49	08/30/06 16:49	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 16:49	08/30/06 16:49	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 16:49	08/30/06 16:49	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 16:49	08/30/06 16:49	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 16:49	08/30/06 16:49	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 16:49	08/30/06 16:49	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:49	08/30/06 16:49	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 16:49	08/30/06 16:49	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 16:49	08/30/06 16:49	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:49	08/30/06 16:49	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 16:49	08/30/06 16:49	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 16:49	08/30/06 16:49	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 16:49	08/30/06 16:49	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 16:49	08/30/06 16:49	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
Toluene	ug/l	0.82 I,S13	EPA 8260	0.51	08/30/06 16:49	08/30/06 16:49	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 16:49	08/30/06 16:49	NT

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Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-9**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.09**	
Date/Time Collected	**08/21/06**	**11:09**
Date/Time Received	**08/21/06**	**13:11**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 16:49	08/30/06 16:49	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 16:49	08/30/06 16:49	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 16:49	08/30/06 16:49	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 16:49	08/30/06 16:49	NT
Field Parameter							
Total Well Depth	ft.	19.58			08/21/06 11:09		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.65			08/21/06 11:09		LRW
Depth to Water (below Top of Casing)	ft.	9.53	DEP FS2211		08/21/06 11:09		LRW
Specific Conductance	umhos/cm	766	DEP FT1200		08/21/06 11:09		LRW
Water Elevation	ft., NGVD	30.12	DEP FS2211		08/21/06 11:09		LRW
Water Temperature	C	29.2	DEP FT1400		08/21/06 11:09		LRW
pH	Units	7.7	DEP FT1100		08/21/06 11:09		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/21/06 11:09		LRW
Turbidity	NTU	2.1	DEP FT1600		08/21/06 11:09		LRW

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-10**
Matrix	**Groundwater**
SAL Sample Number	**62580.10**
Date/Time Collected	**08/22/06 06:21**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 17:14	08/30/06 17:14	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 17:14	08/30/06 17:14	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:14	08/30/06 17:14	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 17:14	08/30/06 17:14	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:14	08/30/06 17:14	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 17:14	08/30/06 17:14	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 17:14	08/30/06 17:14	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:14	08/30/06 17:14	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 17:14	08/30/06 17:14	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:14	08/30/06 17:14	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:14	08/30/06 17:14	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 17:14	08/30/06 17:14	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 17:14	08/30/06 17:14	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 17:14	08/30/06 17:14	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 17:14	08/30/06 17:14	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 17:14	08/30/06 17:14	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 17:14	08/30/06 17:14	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 17:14	08/30/06 17:14	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 17:14	08/30/06 17:14	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 17:14	08/30/06 17:14	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 17:14	08/30/06 17:14	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 17:14	08/30/06 17:14	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 17:14	08/30/06 17:14	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:14	08/30/06 17:14	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 17:14	08/30/06 17:14	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 17:14	08/30/06 17:14	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:14	08/30/06 17:14	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 17:14	08/30/06 17:14	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 17:14	08/30/06 17:14	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 17:14	08/30/06 17:14	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 17:14	08/30/06 17:14	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
Toluene	ug/l	0.69 I,S13	EPA 8260	0.51	08/30/06 17:14	08/30/06 17:14	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:14	08/30/06 17:14	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-10**
Matrix	**Groundwater**
SAL Sample Number	**62580.10**
Date/Time Collected	**08/22/06 06:21**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:14	08/30/06 17:14	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:14	08/30/06 17:14	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 17:14	08/30/06 17:14	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:14	08/30/06 17:14	NT
Field Parameter							
Total Well Depth	ft.	20.29			08/22/06 06:22		LRW
Reference Elevation (Top of Casing)	ft., NGVD	38.34			08/22/06 06:22		LRW
Depth to Water (below Top of Casing)	ft.	7.32	DEP FS2211		08/22/06 06:22		LRW
Specific Conductance	umhos/cm	990	DEP FT1200		08/22/06 06:22		LRW
Water Elevation	ft., NGVD	31.02	DEP FS2211		08/22/06 06:22		LRW
Water Temperature	C	27.7	DEP FT1400		08/22/06 06:22		LRW
pH	Units	6.7	DEP FT1100		08/22/06 06:22		LRW
Dissolved Oxygen	mg/l	1.0	DEP FT1500		08/22/06 06:22		LRW
Turbidity	NTU	4.0	DEP FT1600		08/22/06 06:22		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-11**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.11**	
Date/Time Collected	**08/22/06**	**07:01**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 17:38	08/30/06 17:38	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 17:38	08/30/06 17:38	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:38	08/30/06 17:38	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 17:38	08/30/06 17:38	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:38	08/30/06 17:38	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 17:38	08/30/06 17:38	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 17:38	08/30/06 17:38	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:38	08/30/06 17:38	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 17:38	08/30/06 17:38	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:38	08/30/06 17:38	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 17:38	08/30/06 17:38	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 17:38	08/30/06 17:38	NT
Acetone	ug/l	14 I,S13	EPA 8260	9.9	08/30/06 17:38	08/30/06 17:38	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 17:38	08/30/06 17:38	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 17:38	08/30/06 17:38	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 17:38	08/30/06 17:38	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 17:38	08/30/06 17:38	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 17:38	08/30/06 17:38	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 17:38	08/30/06 17:38	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 17:38	08/30/06 17:38	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 17:38	08/30/06 17:38	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 17:38	08/30/06 17:38	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 17:38	08/30/06 17:38	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:38	08/30/06 17:38	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 17:38	08/30/06 17:38	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 17:38	08/30/06 17:38	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:38	08/30/06 17:38	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 17:38	08/30/06 17:38	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 17:38	08/30/06 17:38	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 17:38	08/30/06 17:38	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 17:38	08/30/06 17:38	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 17:38	08/30/06 17:38	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 17:38	08/30/06 17:38	NT

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-11**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.11**	
Date/Time Collected	**08/22/06**	**07:01**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 17:38	08/30/06 17:38	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 17:38	08/30/06 17:38	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 17:38	08/30/06 17:38	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 17:38	08/30/06 17:38	NT
Field Parameter							
Total Well Depth	ft.	~~21.61~~			08/22/06 07:01		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.02			08/22/06 07:01		LRW
Depth to Water (below Top of Casing)	ft.	~~6.19~~	DEP FS2211		08/22/06 07:01		LRW
Specific Conductance	umhos/cm	621	DEP FT1200		08/22/06 07:01		LRW
Water Elevation	ft., NGVD	32.83	DEP FS2211		08/22/06 07:01		LRW
Water Temperature	C	26.3	DEP FT1400		08/22/06 07:01		LRW
pH	Units	5.9	DEP FT1100		08/22/06 07:01		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/22/06 07:01		LRW
Turbidity	NTU	3.2	DEP FT1600		08/22/06 07:01		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-12**
Matrix	**Groundwater**
SAL Sample Number	**62580.12**
Date/Time Collected	**08/22/06 07:38**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:03	08/30/06 18:03	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 18:03	08/30/06 18:03	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:03	08/30/06 18:03	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 18:03	08/30/06 18:03	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:03	08/30/06 18:03	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 18:03	08/30/06 18:03	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 18:03	08/30/06 18:03	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:03	08/30/06 18:03	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 18:03	08/30/06 18:03	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:03	08/30/06 18:03	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:03	08/30/06 18:03	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 18:03	08/30/06 18:03	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 18:03	08/30/06 18:03	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 18:03	08/30/06 18:03	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:03	08/30/06 18:03	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 18:03	08/30/06 18:03	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:03	08/30/06 18:03	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 18:03	08/30/06 18:03	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 18:03	08/30/06 18:03	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:03	08/30/06 18:03	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 18:03	08/30/06 18:03	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 18:03	08/30/06 18:03	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 18:03	08/30/06 18:03	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:03	08/30/06 18:03	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 18:03	08/30/06 18:03	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 18:03	08/30/06 18:03	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:03	08/30/06 18:03	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 18:03	08/30/06 18:03	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 18:03	08/30/06 18:03	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 18:03	08/30/06 18:03	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 18:03	08/30/06 18:03	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 18:03	08/30/06 18:03	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:03	08/30/06 18:03	NT

FDOH Laboratory No. E84129
NELAP Accredited

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

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-12**
Matrix	**Groundwater**
SAL Sample Number	**62580.12**
Date/Time Collected	**08/22/06 07:38**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:03	08/30/06 18:03	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:03	08/30/06 18:03	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 18:03	08/30/06 18:03	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:03	08/30/06 18:03	NT
Field Parameter							
Total Well Depth	ft.	20.21			08/22/06 07:38		LRW
Reference Elevation (Top of Casing)	ft., NGVD	42.09			08/22/06 07:38		LRW
Depth to Water (below Top of Casing)	ft.	9.62	DEP FS2211		08/22/06 07:38		LRW
Specific Conductance	umhos/cm	938	DEP FT1200		08/22/06 07:38		LRW
Water Elevation	ft., NGVD	32.47	DEP FS2211		08/22/06 07:38		LRW
Water Temperature	C	26.3	DEP FT1400		08/22/06 07:38		LRW
pH	Units	5.9	DEP FT1100		08/22/06 07:38		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/22/06 07:38		LRW
Turbidity	NTU	4.3	DEP FT1600		08/22/06 07:38		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-13**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.13**	
Date/Time Collected	**08/22/06**	**08:06**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:28	08/30/06 18:28	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 18:28	08/30/06 18:28	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:28	08/30/06 18:28	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 18:28	08/30/06 18:28	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:28	08/30/06 18:28	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 18:28	08/30/06 18:28	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 18:28	08/30/06 18:28	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:28	08/30/06 18:28	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 18:28	08/30/06 18:28	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:28	08/30/06 18:28	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:28	08/30/06 18:28	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 18:28	08/30/06 18:28	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 18:28	08/30/06 18:28	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 18:28	08/30/06 18:28	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:28	08/30/06 18:28	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 18:28	08/30/06 18:28	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:28	08/30/06 18:28	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 18:28	08/30/06 18:28	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 18:28	08/30/06 18:28	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:28	08/30/06 18:28	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 18:28	08/30/06 18:28	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 18:28	08/30/06 18:28	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 18:28	08/30/06 18:28	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:28	08/30/06 18:28	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 18:28	08/30/06 18:28	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 18:28	08/30/06 18:28	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:28	08/30/06 18:28	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 18:28	08/30/06 18:28	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 18:28	08/30/06 18:28	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 18:28	08/30/06 18:28	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 18:28	08/30/06 18:28	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 18:28	08/30/06 18:28	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:28	08/30/06 18:28	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-13**
Matrix	**Groundwater**
SAL Sample Number	**62580.13**
Date/Time Collected	**08/22/06 08:06**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:28	08/30/06 18:28	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:28	08/30/06 18:28	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 18:28	08/30/06 18:28	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:28	08/30/06 18:28	NT
Field Parameter							
Total Well Depth	ft.	20.16			08/22/06 08:06		LRW
Reference Elevation (Top of Casing)	ft., NGVD	44.79			08/22/06 08:06		LRW
Depth to Water (below Top of Casing)	ft.	10.94	DEP FS2211		08/22/06 08:06		LRW
Specific Conductance	umhos/cm	1,796	DEP FT1200		08/22/06 08:06		LRW
Water Elevation	ft., NGVD	33.85	DEP FS2211		08/22/06 08:06		LRW
Water Temperature	C	26.3	DEP FT1400		08/22/06 08:06		LRW
pH	Units	6.5	DEP FT1100		08/22/06 08:06		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/22/06 08:06		LRW
Turbidity	NTU	24	DEP FT1600		08/22/06 08:06		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-14**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.14**	
Date/Time Collected	**08/22/06**	**08:39**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:53	08/30/06 18:53	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 18:53	08/30/06 18:53	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:53	08/30/06 18:53	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 18:53	08/30/06 18:53	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:53	08/30/06 18:53	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 18:53	08/30/06 18:53	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 18:53	08/30/06 18:53	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:53	08/30/06 18:53	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 18:53	08/30/06 18:53	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:53	08/30/06 18:53	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 18:53	08/30/06 18:53	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 18:53	08/30/06 18:53	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 18:53	08/30/06 18:53	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 18:53	08/30/06 18:53	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:53	08/30/06 18:53	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 18:53	08/30/06 18:53	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 18:53	08/30/06 18:53	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 18:53	08/30/06 18:53	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 18:53	08/30/06 18:53	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 18:53	08/30/06 18:53	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 18:53	08/30/06 18:53	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 18:53	08/30/06 18:53	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 18:53	08/30/06 18:53	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:53	08/30/06 18:53	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 18:53	08/30/06 18:53	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 18:53	08/30/06 18:53	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:53	08/30/06 18:53	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 18:53	08/30/06 18:53	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 18:53	08/30/06 18:53	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 18:53	08/30/06 18:53	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 18:53	08/30/06 18:53	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 18:53	08/30/06 18:53	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 18:53	08/30/06 18:53	NT

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-14**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.14**	
Date/Time Collected	**08/22/06**	**08:39**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 18:53	08/30/06 18:53	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 18:53	08/30/06 18:53	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 18:53	08/30/06 18:53	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 18:53	08/30/06 18:53	NT
Field Parameter							
Total Well Depth	ft.	20.13			08/22/06 08:39		LRW
Reference Elevation (Top of Casing)	ft., NGVD	39.63			08/22/06 08:39		LRW
Depth to Water (below Top of Casing)	ft.	4.73	DEP FS2211		08/22/06 08:39		LRW
Specific Conductance	umhos/cm	3,817	DEP FT1200		08/22/06 08:39		LRW
Water Elevation	ft., NGVD	34.90	DEP FS2211		08/22/06 08:39		LRW
Water Temperature	C	27.1	DEP FT1400		08/22/06 08:39		LRW
pH	Units	6.4	DEP FT1100		08/22/06 08:39		LRW
Dissolved Oxygen	mg/l	0.6	DEP FT1500		08/22/06 08:39		LRW
Turbidity	NTU	12	DEP FT1600		08/22/06 08:39		LRW

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September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-15**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.15**	
Date/Time Collected	**08/22/06**	**09:11**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 19:18	08/30/06 19:18	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 19:18	08/30/06 19:18	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:18	08/30/06 19:18	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 19:18	08/30/06 19:18	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:18	08/30/06 19:18	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 19:18	08/30/06 19:18	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 19:18	08/30/06 19:18	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:18	08/30/06 19:18	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 19:18	08/30/06 19:18	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:18	08/30/06 19:18	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:18	08/30/06 19:18	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 19:18	08/30/06 19:18	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 19:18	08/30/06 19:18	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 19:18	08/30/06 19:18	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 19:18	08/30/06 19:18	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 19:18	08/30/06 19:18	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 19:18	08/30/06 19:18	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 19:18	08/30/06 19:18	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 19:18	08/30/06 19:18	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 19:18	08/30/06 19:18	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 19:18	08/30/06 19:18	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 19:18	08/30/06 19:18	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 19:18	08/30/06 19:18	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:18	08/30/06 19:18	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 19:18	08/30/06 19:18	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 19:18	08/30/06 19:18	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:18	08/30/06 19:18	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 19:18	08/30/06 19:18	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 19:18	08/30/06 19:18	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 19:18	08/30/06 19:18	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 19:18	08/30/06 19:18	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 19:18	08/30/06 19:18	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:18	08/30/06 19:18	NT

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-15**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.15**	
Date/Time Collected	**08/22/06**	**09:11**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:18	08/30/06 19:18	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:18	08/30/06 19:18	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 19:18	08/30/06 19:18	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:18	08/30/06 19:18	NT
Field Parameter							
Total Well Depth	ft.	20.06			08/22/06 09:11		LRW
Reference Elevation (Top of Casing)	ft., NGVD	42.33			08/22/06 09:11		LRW
Depth to Water (below Top of Casing)	ft.	6.46	DEP FS2211		08/22/06 09:11		LRW
Specific Conductance	umhos/cm	923	DEP FT1200		08/22/06 09:11		LRW
Water Elevation	ft., NGVD	35.87	DEP FS2211		08/22/06 09:11		LRW
Water Temperature	C	25.8	DEP FT1400		08/22/06 09:11		LRW
pH	Units	6.5	DEP FT1100		08/22/06 09:11		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/22/06 09:11		LRW
Turbidity	NTU	1.0	DEP FT1600		08/22/06 09:11		LRW

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Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-16**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.16**	
Date/Time Collected	**08/22/06**	**09:38**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 19:42	08/30/06 19:42	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 19:42	08/30/06 19:42	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:42	08/30/06 19:42	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 19:42	08/30/06 19:42	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:42	08/30/06 19:42	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 19:42	08/30/06 19:42	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 19:42	08/30/06 19:42	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:42	08/30/06 19:42	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 19:42	08/30/06 19:42	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:42	08/30/06 19:42	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 19:42	08/30/06 19:42	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 19:42	08/30/06 19:42	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 19:42	08/30/06 19:42	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 19:42	08/30/06 19:42	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 19:42	08/30/06 19:42	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 19:42	08/30/06 19:42	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 19:42	08/30/06 19:42	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 19:42	08/30/06 19:42	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 19:42	08/30/06 19:42	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 19:42	08/30/06 19:42	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 19:42	08/30/06 19:42	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 19:42	08/30/06 19:42	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 19:42	08/30/06 19:42	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:42	08/30/06 19:42	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 19:42	08/30/06 19:42	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 19:42	08/30/06 19:42	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:42	08/30/06 19:42	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 19:42	08/30/06 19:42	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 19:42	08/30/06 19:42	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 19:42	08/30/06 19:42	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 19:42	08/30/06 19:42	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 19:42	08/30/06 19:42	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 19:42	08/30/06 19:42	NT

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September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-16**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.16**	
Date/Time Collected	**08/22/06**	**09:38**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 19:42	08/30/06 19:42	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 19:42	08/30/06 19:42	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 19:42	08/30/06 19:42	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 19:42	08/30/06 19:42	NT
Field Parameter							
Total Well Depth	ft.	19.89			08/22/06 09:38		LRW
Reference Elevation (Top of Casing)	ft., NGVD	44.41			08/22/06 09:38		LRW
Depth to Water (below Top of Casing)	ft.	8.33	DEP FS2211		08/22/06 09:38		LRW
Specific Conductance	umhos/cm	685	DEP FT1200		08/22/06 09:38		LRW
Water Elevation	ft., NGVD	36.08	DEP FS2211		08/22/06 09:38		LRW
Water Temperature	C	25.6	DEP FT1400		08/22/06 09:38		LRW
pH	Units	6.5	DEP FT1100		08/22/06 09:38		LRW
Dissolved Oxygen	mg/l	0.1	DEP FT1500		08/22/06 09:38		LRW
Turbidity	NTU	12	DEP FT1600		08/22/06 09:38		LRW

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September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**GW-17**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.17**	
Date/Time Collected	**08/22/06**	**10:06**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 20:07	08/30/06 20:07	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/30/06 20:07	08/30/06 20:07	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 20:07	08/30/06 20:07	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/30/06 20:07	08/30/06 20:07	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 20:07	08/30/06 20:07	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/30/06 20:07	08/30/06 20:07	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/30/06 20:07	08/30/06 20:07	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 20:07	08/30/06 20:07	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/30/06 20:07	08/30/06 20:07	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 20:07	08/30/06 20:07	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/30/06 20:07	08/30/06 20:07	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/30/06 20:07	08/30/06 20:07	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/30/06 20:07	08/30/06 20:07	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/30/06 20:07	08/30/06 20:07	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 20:07	08/30/06 20:07	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/30/06 20:07	08/30/06 20:07	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/30/06 20:07	08/30/06 20:07	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/30/06 20:07	08/30/06 20:07	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/30/06 20:07	08/30/06 20:07	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/30/06 20:07	08/30/06 20:07	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/30/06 20:07	08/30/06 20:07	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/30/06 20:07	08/30/06 20:07	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/30/06 20:07	08/30/06 20:07	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 20:07	08/30/06 20:07	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/30/06 20:07	08/30/06 20:07	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/30/06 20:07	08/30/06 20:07	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 20:07	08/30/06 20:07	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/30/06 20:07	08/30/06 20:07	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/30/06 20:07	08/30/06 20:07	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/30/06 20:07	08/30/06 20:07	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/30/06 20:07	08/30/06 20:07	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/30/06 20:07	08/30/06 20:07	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/30/06 20:07	08/30/06 20:07	NT

FDOH Laboratory No. E84129
NELAP Accredited

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

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

Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**
Sample Description	**GW-17**
Matrix	**Groundwater**
SAL Sample Number	**62580.17**
Date/Time Collected	**08/22/06 10:06**
Date/Time Received	**08/22/06 13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/30/06 20:07	08/30/06 20:07	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/30/06 20:07	08/30/06 20:07	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/30/06 20:07	08/30/06 20:07	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/30/06 20:07	08/30/06 20:07	NT
Field Parameter							
Total Well Depth	ft.	20.83			08/22/06 10:06		LRW
Reference Elevation (Top of Casing)	ft., NGVD	42.19			08/22/06 10:06		LRW
Depth to Water (below Top of Casing)	ft.	6.89	DEP FS2211		08/22/06 10:06		LRW
Specific Conductance	umhos/cm	147	DEP FT1200		08/22/06 10:06		LRW
Water Elevation	ft., NGVD	35.30	DEP FS2211		08/22/06 10:06		LRW
Water Temperature	C	26.7	DEP FT1400		08/22/06 10:06		LRW
pH	Units	5.3	DEP FT1100		08/22/06 10:06		LRW
Dissolved Oxygen	mg/l	0.1	DEP FT1500		08/22/06 10:06		LRW
Turbidity	NTU	5.7	DEP FT1600		08/22/06 10:06		LRW

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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**BGW-1**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.18**	
Date/Time Collected	**08/22/06**	**10:41**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ug/l	0.63 U,S13	EPA 8260	0.63	08/31/06 15:23	08/31/06 15:23	NT
1,1,1-Trichloroethane	ug/l	0.46 U,S13	EPA 8260	0.46	08/31/06 15:23	08/31/06 15:23	NT
1,1,2,2-Tetrachloroethane	ug/l	0.14 U,S13	EPA 8260	0.14	08/31/06 15:23	08/31/06 15:23	NT
1,1,2-Trichloroethane	ug/l	0.47 U,S13	EPA 8260	0.47	08/31/06 15:23	08/31/06 15:23	NT
1,1-Dichloroethane	ug/l	0.52 U,S13	EPA 8260	0.52	08/31/06 15:23	08/31/06 15:23	NT
1,1-Dichloroethene	ug/l	0.45 U,S13	EPA 8260	0.45	08/31/06 15:23	08/31/06 15:23	NT
1,2,3-Trichloropropane	ug/l	0.15 U,S13	EPA 8260	0.15	08/31/06 15:23	08/31/06 15:23	NT
1,2-Dibromo-3-chloropropane	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
1,2-Dibromoethane	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
1,2-Dichlorobenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/31/06 15:23	08/31/06 15:23	NT
1,2-Dichloroethane	ug/l	0.57 U,S13	EPA 8260	0.57	08/31/06 15:23	08/31/06 15:23	NT
1,2-Dichloropropane	ug/l	0.52 U,S13	EPA 8260	0.52	08/31/06 15:23	08/31/06 15:23	NT
1,4-Dichlorobenzene	ug/l	0.52 U,S13	EPA 8260	0.52	08/31/06 15:23	08/31/06 15:23	NT
2-Hexanone	ug/l	4.4 U,S13	EPA 8260	4.4	08/31/06 15:23	08/31/06 15:23	NT
Acetone	ug/l	9.9 U,S13	EPA 8260	9.9	08/31/06 15:23	08/31/06 15:23	NT
Acrylonitrile	ug/l	1.2 U,S13	EPA 8260	1.2	08/31/06 15:23	08/31/06 15:23	NT
Benzene	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
Bromochloromethane	ug/l	0.58 U,S13	EPA 8260	0.58	08/31/06 15:23	08/31/06 15:23	NT
Bromodichloromethane	ug/l	0.35 U,S13	EPA 8260	0.35	08/31/06 15:23	08/31/06 15:23	NT
Bromoform	ug/l	0.58 U,S13	EPA 8260	0.58	08/31/06 15:23	08/31/06 15:23	NT
Bromomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
Carbon disulfide	ug/l	0.85 U,S13	EPA 8260	0.85	08/31/06 15:23	08/31/06 15:23	NT
Carbon tetrachloride	ug/l	0.42 U,S13	EPA 8260	0.42	08/31/06 15:23	08/31/06 15:23	NT
Chlorobenzene	ug/l	0.63 U,S13	EPA 8260	0.63	08/31/06 15:23	08/31/06 15:23	NT
Chloroethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
Chloroform	ug/l	0.90 U,S13	EPA 8260	0.90	08/31/06 15:23	08/31/06 15:23	NT
Chloromethane	ug/l	1.0 U,S13	EPA 8260	1.0	08/31/06 15:23	08/31/06 15:23	NT
cis-1,2-Dichloroethene	ug/l	0.65 U,S13	EPA 8260	0.65	08/31/06 15:23	08/31/06 15:23	NT
cis-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/31/06 15:23	08/31/06 15:23	NT
Dibromochloromethane	ug/l	0.34 U,S13	EPA 8260	0.34	08/31/06 15:23	08/31/06 15:23	NT
Dibromomethane	ug/l	0.41 U,S13	EPA 8260	0.41	08/31/06 15:23	08/31/06 15:23	NT
Ethylbenzene	ug/l	0.44 U,S13	EPA 8260	0.44	08/31/06 15:23	08/31/06 15:23	NT
Iodomethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
MEK (2-Butanone)	ug/l	8.4 U,S13	EPA 8260	8.4	08/31/06 15:23	08/31/06 15:23	NT
Methylene chloride	ug/l	4.0 U,S13	EPA 8260	4.0	08/31/06 15:23	08/31/06 15:23	NT
MIBK (4-Methyl-2-pentanone)	ug/l	3.8 U,S13	EPA 8260	3.8	08/31/06 15:23	08/31/06 15:23	NT
Styrene	ug/l	0.98 U,S13	EPA 8260	0.98	08/31/06 15:23	08/31/06 15:23	NT
Tetrachloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
Toluene	ug/l	0.51 U,S13	EPA 8260	0.51	08/31/06 15:23	08/31/06 15:23	NT
trans-1,2-Dichloroethene	ug/l	0.44 U,S13	EPA 8260	0.44	08/31/06 15:23	08/31/06 15:23	NT

SOUTHERN ANALYTICAL LABORATORIES, INC.
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Manatee County Utility Operations Central Laboratory/ Industrial Compliance
5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Project Name	**Groundwater Monitoring Well Analyses - Lena Road Landfill**	
Sample Description	**BGW-1**	
Matrix	**Groundwater**	
SAL Sample Number	**62580.18**	
Date/Time Collected	**08/22/06**	**10:41**
Date/Time Received	**08/22/06**	**13:12**

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds							
trans-1,3-Dichloropropene	ug/l	0.14 U,S13	EPA 8260	0.14	08/31/06 15:23	08/31/06 15:23	NT
trans-1,4-Dichloro-2-butene	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
Trichloroethene	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
Trichlorofluoromethane	ug/l	2.5 U,S13	EPA 8260	2.5	08/31/06 15:23	08/31/06 15:23	NT
Vinyl acetate	ug/l	1.5 U,S13	EPA 8260	1.5	08/31/06 15:23	08/31/06 15:23	NT
Vinyl chloride	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
Xylenes, Total	ug/l	0.50 U,S13	EPA 8260	0.50	08/31/06 15:23	08/31/06 15:23	NT
Field Parameter							
Total Well Depth	ft.	20.30			08/22/06 10:41		LRW
Reference Elevation (Top of Casing)	ft., NGVD	47.57			08/22/06 10:41		LRW
Depth to Water (below Top of Casing)	ft.	7.54	DEP FS2211		08/22/06 10:41		LRW
Specific Conductance	umhos/cm	870	DEP FT1200		08/22/06 10:41		LRW
Water Elevation	ft., NGVD	40.03	DEP FS2211		08/22/06 10:41		LRW
Water Temperature	C	25.4	DEP FT1400		08/22/06 10:41		LRW
pH	Units	5.9	DEP FT1100		08/22/06 10:41		LRW
Dissolved Oxygen	mg/l	0.2	DEP FT1500		08/22/06 10:41		LRW
Turbidity	NTU	3.3	DEP FT1600		08/22/06 10:41		LRW

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5101 65th Street West
Bradenton, FL 34210-

September 12, 2006
Project No: 62580

Laboratory Report

Footnotes

*	Test results presented in this report meet all the requirements of the NELAC standards.
**	A statement of estimated uncertainty of test results is available upon request.
I,S13	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. Analysis subcontracted to STL, FDOH Cert. No. E84282.
S13	Analysis subcontracted to STL, FDOH Cert. No. E84282.
U,S13	Analyte was not detected; indicated concentration is method detection limit. Analysis subcontracted to STL, FDOH Cert. No. E84282.

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

SAL Project No. 62580

Client Name	Contact / Phone:
Manatee County Utility Operations	Jeff Goodwin 941/792-8811
Project Name / Location	**Turn Around Time Requested (*Surcharges may apply)**
Groundwater Monitoring Well Analyses - Lena Road Landfill	24 Hour* ☐ 48 Hour* ☐ 5 Bus. Days* ☐ 10 Bus. Days ☑
Samplers: (Signature) Larry R. Ward	

Matrix Codes: DW-Drinking Water WW-Wastewater SW-SurfaceWater SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water

PARAMETER / CONTAINER DESCRIPTION

SAL Use Only Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab	40mL V, HCl 40 CFR Part 258 Appendix I Organics					Field Parameters			
01	GW-1	8/21/06	0652	GW		X	3					See Field Sheet			
02	GW-2	"	0718	GW		X	3					See Field Sheet			
03	GW-3	"	0754	GW		X	3					See Field Sheet			
04	GW-4	"	0824	GW		X	3					See Field Sheet			
05	GW-5	"	0854	GW		X	3					See Field Sheet			
06	GW-6	"	0928	GW		X	3					See Field Sheet			
07	GW-7	"	0955	GW		X	3					See Field Sheet			
08	GW-8	"	1034	GW		X	3					See Field Sheet			
09	GW-9	"	11:04	GW		X	3					See Field Sheet			
10	GW-10	8/22/06	0621	GW		X	3					See Field Sheet			
11	GW-11	"	0701	GW		X	3					See Field Sheet			
12	GW-12	"	0738	GW		X	3					See Field Sheet			

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Containers Prepared/ Relinquished:	Date/Time:	Received:	Date/Time:
K Rodriguez	8/15/06 0925	Larry Ward	8/20/06 1300
.01-.09 Larry Ward	8/21/06 1311	[illegible]	1311 8/21/06
.10-.12 Larry Ward	8/22/06 1512	[illegible]	1512 8/22/06
Relinquished:	Date/Time:	Received:	Date/Time:
Relinquished:	Date/Time:	Received:	Date/Time:

Seal intact?	Y N (N/A)	**Instructions / Remarks**	
Samples intact upon arrival?	(Y) N N/A	**Field Parameters: Static Water Level, Specific Conductance, pH, Dissolved Oxygen, Turbidity, Colors & Sheens, Termperature**	
Received on ice? Temp_____	(Y) N N/A		
Proper preservatives indicated?	(Y) N N/A		
Rec'd within holding time?	(Y) N N/A		
Volatiles rec'd w/out headspace?	(Y) N N/A		
Proper containers used?	(Y) N N/A		

SOUTHERN ANALYTICAL LABORATORIES, INC.

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

SAL Project No. 102580

Client Name	Contact / Phone:
Manatee County Utility Operations	Jeff Goodwin 941/792-8811 ext. 5235
Project Name / Location	**Turn Around Time Requested (*Surcharges may apply)**
Groundwater Monitoring Well Analyses - Lena Road Landfill	24 Hour* ☐ 48 Hour* ☐ 5 Bus. Days* ☐ 10 Bus. Days ☑
Samplers: (Signature) Larry R. Wind	

Matrix Codes: DW-Drinking Water WW-Wastewater SW-SurfaceWater 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 40 CFR Part 258 Appendix I Organics					Field Parameters			
13	GW-13	8/22/06	0804	GW		X	3					See Field Sheet			
14	GW-14		0839	GW		X	3					See Field Sheet			
15	GW-15		0911	GW		X	3					See Field Sheet			
16	GW-16		0938	GW		X	3					See Field Sheet			
17	GW-17		10:06	GW		X	3					See Field Sheet			
18	BGW-1		10:41	GW		X	3					See Field Sheet			
19	Trip Blank	8/15/06	0920	R		X	1								

Containers Prepared/ Relinquished:	Date/Time:	Received:	Date/Time:
K Nordmark	8/15/06 0925	Larry Wind	8/22/06 1300
Larry Wind	8/22/06 1312	[illegible]	1312 8/22/06

Seal intact? Y N (N/A)
Samples intact upon arrival? (Y) N N/A
Received on ice? Temp_____ (Y) N N/A
Proper preservatives indicated? (Y) N N/A
Rec'd within holding time? (Y) N N/A
Volatiles rec'd w/out headspace? (Y) N N/A
Proper containers used? (Y) N N/A

Instructions / Remarks

Field Parameters: Static Water Level, Specific Conductance, pH, Dissolved Oxygen, Turbidity, Colors & Sheens, Termperature

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SOUTHERN ANALYTICAL LABORATORIES, INC.

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

SAL Project No. _____

Client Name	Contact / Phone:
Manatee County Utility Operations	Jeff Goodwin 941/792-8811 ext. 5235
Project Name / Location	**Turn Around Time Requested (*Surcharges may apply)**
Groundwater Monitoring Well Analyses - Lena Road Landfill	24 Hour* ☐ 48 Hour* ☐ 5 Bus. Days* ☐ 10 Bus. Days ☑
Samplers: (Signature) Larry R. Ward	

Matrix Codes: DW-Drinking Water WW-Wastewater SW-SurfaceWater 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	250mL P, Cool 4°C Chloride	250mL P, Cool 4°C Nitrate	250mL P, Cool 4°C TDS	250mL P, H_2SO_4 Ammonia	250mL P, HNO_3 Metals*, Na, Fe, Hg	40mL V, Cool 4°C Volatile Organics**	40mL V, HCl Volatile Organics**		
							PARAMETER / CONTAINER DESCRIPTION								
01	GW-1 AE 12400	8/21/06	0652	GW		X	1	1	1	1	2	1	1		
02	GW-2 AE 12401		0718	GW		X	1	1	1	1	2	1	1		
03	GW-3 AE 12402		0754	GW		X	1	1	1	1	2	1	1		
04	GW-4 AE 12403		0829	GW		X	1	1	1	1	2	1	1		
05	GW-5 AE 12404		0859	GW		X	1	1	1	1	2	1	1		
06	GW-6 AE 12405		0928	GW		X	1	1	1	1	2	1	1		
07	GW-7 AE 12406		0955	GW		X	1	1	1	1	2	1	1		
08	GW-8 AE 12407		1034	GW		X	1	1	1	1	2	1	1		
09	GW-9 AE 12408		1109	GW		X	1	1	1	1	2	1	1		
10	GW-10 AE 12425	8/22/06	0621	GW		X	1	1	1	1	2	1	1		
11	GW-11 AE 12426		0701	GW		X	1	1	1	1	2	1	1		
12	GW-12 AE 12427		0738	GW		X	1	1	1	1	2	1	1		

Containers Prepared/ Relinquished:	Date/Time:	Received:	Date/Time:
K Rindsmeck	8/15/06 0810	Larry Ward	8/20/06 1300
Relinquished: Larry Ward	Date/Time: 8/21/06 11:50	Received:	Date/Time: 8-21-06 12 NW
Relinquished: Larry Ward	Date/Time: 8/22/06 NW 1150	Received:	Date/Time: 8-22-06 12 NW
Relinquished:	Date/Time:	Received:	Date/Time:
Relinquished:	Date/Time:	Received:	Date/Time:

Seal intact? (Y) N N/A

Samples intact upon arrival? (Y) N N/A

Received on ice? Temp 1° (Y) N N/A

Proper preservatives indicated? Y N N/A

Rec'd within holding time? (Y) N N/A

Volatiles rec'd w/out headspace? Y N N/A

Proper containers used? Y (N) N/A

Instructions / Remarks

* 40 CFR Part 258 Appendix I Metals

** 40 CFR Part 258 Appendix I Organics

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2006-08-22-006

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SOUTHERN ANALYTICAL LABORATORIES, INC.

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SAL Project No. _____

Client Name	Contact / Phone:
Manatee County Utility Operations	Jeff Goodwin 941/792-8811
Project Name / Location	**Turn Around Time Requested (*Surcharges may apply)**
Groundwater Monitoring Well Analyses - Lena Road Landfill	24 Hour* ☐ 48 Hour* ☐ 5 Bus. Days* ☐ 10 Bus. Days ☑
Samplers: (Signature) Larry R. Ward	

Matrix Codes: DW-Drinking Water WW-Wastewater SW-SurfaceWater 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	250mL P, Cool 4°C Chloride	250mL P, Cool 4°C Nitrate	250mL P, Cool 4°C TDS	250mL P, H_2SO_4 Ammonia	250mL P, HNO_3 Metals*, Na, Fe, Hg	40mL V, Cool 4°C Volatile Organics**	40mL V, HCl Volatile Organics**		
* 13	GW-13 AE 12428	8/22/06	0806	GW		X	1	1	1	1	2	1	1		
14	GW-14 AE 12429		0839	GW		X	1	1	1	1	2	1	1		
15	GW-15 AE 12430		0911	GW		X	1	1	1	1	2	1	1		
16	GW-16 AE 12431		0938	GW		X	1	1	1	1	2	1	1		
17	GW-17 AE 12432		10:06	GW		X	1	1	1	1	2	1	1		
18	BGW-1 AE 12433		10:41	GW		X	1	1	1	1	2	1	1		
19	Trip Blanks	8/14/06	1030	R		X						1	1		

Samples to be delivered to MCUOD Central Laboratory.

Containers Prepared/ Relinquished:	Date/Time:	Received:	Date/Time:
K. Nordmark	8/15/06 0810	Larry Ward	8/20/06 1300
Larry Ward	8/22/06 1250		8-22-06 1700
Relinquished:	Date/Time:	Received:	Date/Time:
Relinquished:	Date/Time:	Received:	Date/Time:
Relinquished:	Date/Time:	Received:	Date/Time:

Seal intact? (Y) N N/A
Samples intact upon arrival? (Y) N N/A
Received on ice? Temp 1° C (Y) N N/A
* Proper preservatives indicated? Y (N) N/A
Rec'd within holding time? (Y) N N/A
Volatiles rec'd w/out headspace? Y N N/A
Proper containers used? Y (N) N/A

Instructions / Remarks

*** 40 CFR Part 258 Appendix I Metals**

**** 40 CFR Part 258 Appendix I Organics**

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Jeff Goodwin 8/22/06

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* Sample preservation pH measured above 2 SU. HNO3 added to lower pH below 2 per 2006-08-22-007