SARASOTA COUNTY
"Dedicated to Quality Service"

51614
GW
SW
LEACHATE
JAM 8/6/10

July 2, 2010

Dept. of Environmental Protection
JUL 06 2010
Southwest District

Susan Pelz, P.E.
Solid Waste Section
Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RE: Central County Solid Waste Disposal Complex
Permit Number 130542-007-SO/01
1st Semi-Annual Ground Water Monitoring & Evaluation Report (January – June 2010)

ADAPT FILES ON CD FILED SEPARATELY

Dear Ms. Pelz:

Enclosed are the 1st Semi-Annual Ground Water Monitoring & Evaluation Report and for 2010 as specified in Specific Condition E.4.c. & E.7. A summary of the water quality standards that were exceeded during the reporting period have been included with this report.

If you have any questions or concerns, please contact me at (941)861-1589 or lerose@scgov.net.

Sincerely,

Lois E. Rose
Manager, Solid Waste

Enc

SAMPLING LOG INDICATED CASING AT MW-9 DAMAGED NEAR LAND SURFACE

4 OF 13 WELLS REPORTED ELEVATED D.O. OR TURBIDITY

SAMPLING LOG INDICATES D.O. WAS ESTIMATED DURING PURGING AT SOME WELLS

CONVERSION FROM % SATURATION TO MG/L FOR FINAL D.O. MEASUREMENT AT END OF PURGING INCONSISTENT AT MW-10L & CCW-8A

ENVIRONMENTAL SERVICES, Solid Waste Operations 4000 Knights Trail Road, Nokomis, FL 34275
Tel 941-861-1578 Fax 941-486-2620

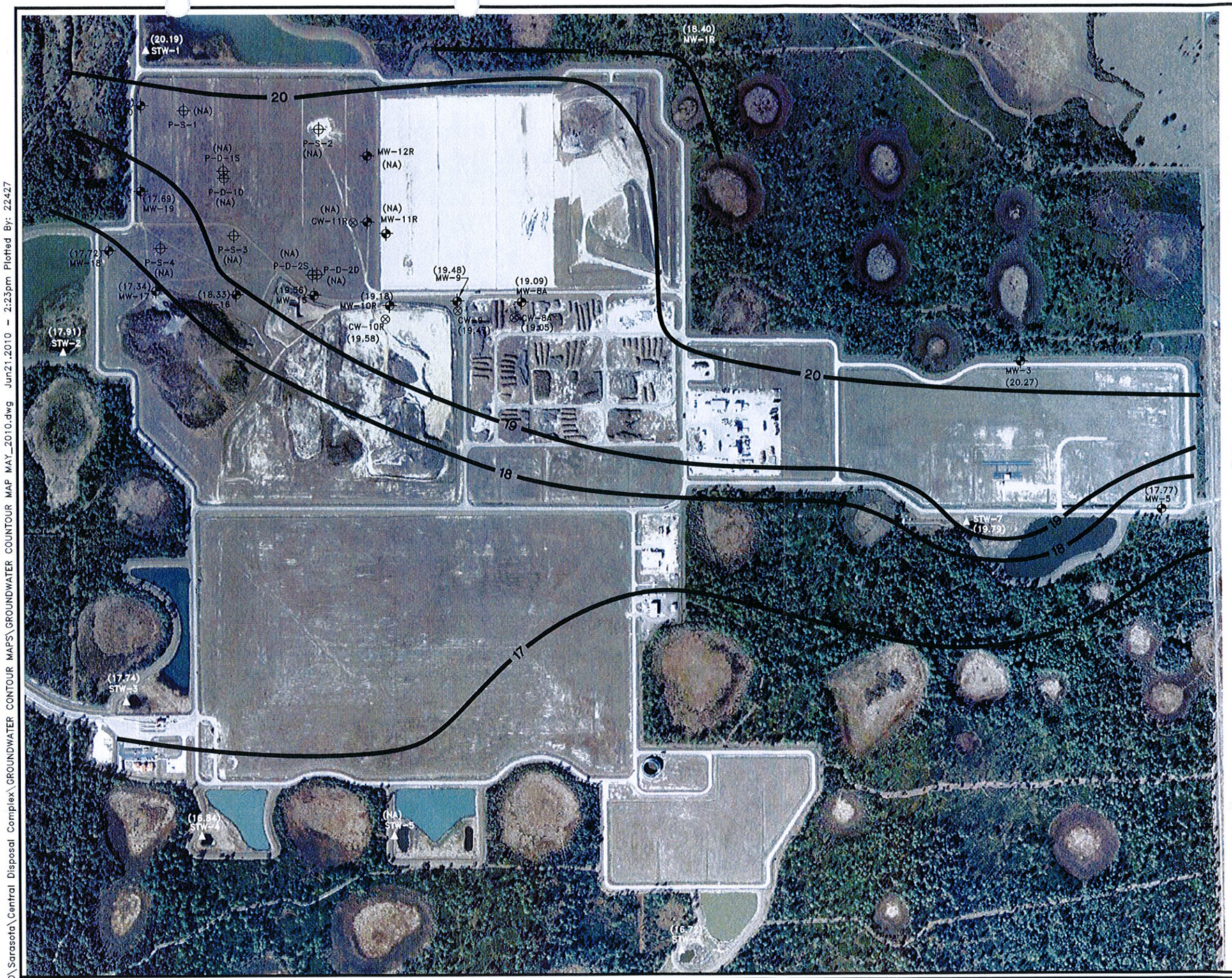
MAY 2010 ROUTINE EVENT + CUM. WELLS

Central County Solid Waste Disposal Complex
Ground Water & Surface Water Elevations

Date 12-May-10

Site #	Depth to Water	TOC/Staff Gauge Elevation	Calculated Water Elevation
MW3	3.07	23.340	20.27
MW5	5.42	23.190	17.77
MW1R	6.03	24.428	18.40
MW8A	9.55	28.637	19.09
MW9	15.63	35.112	19.48
MW10R	12.61	31.792	19.18
CW8A	7.08	26.132	19.05
CW9	7.11	26.582	19.47
CW10R	7.40	26.982	19.58
MW-15	24.76	44.320	19.56
MW-16	25.40	43.730	18.33
MW-17	28.81	46.150	17.34
MW-18	21.42	39.140	17.72
MW-19	19.12	36.810	17.69
MW-20	18.50	35.960	17.46
STW1	2.00	21.187 (3')	20.19
STW1A	4.35	21.23 (4')	21.58
STW2	1.60	20.305 (4')	17.91
STW2A	2.80	20.18 (5')	17.98
STW3	1.55	20.191 (4')	17.74
STW3A	3.30	18.43 (4')	17.73
STW4	1.50	19.342 (4')	16.84
STW4A	3.55	17.35 (4')	16.90
STW5A	1.45	19.788 (4')	17.24
STW5B	3.20	18.04 (4')	17.24
STW6	1.35	19.37 (4')	16.72
STW6A	4.05	17.67 (5')	16.72
STW7	1.50	22.287 (4')	19.79
STW7A	4.80	19.02 (4')	19.82

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JUL 06 2010
SOUTHWEST DISTRICT TAMPA



NORTH

0 150 300 600

GRAPHIC SCALE
SCALE: 1" = 300'

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JUL 06 2010
SOUTHWEST DISTRICT
TAMPA

LEGEND:

- ⊕ MONITORING WELL WITH GROUNDWATER ELEVATION (FT-NGVD)
- ⊗ COMPLIANCE WELL WITH GROUDWATER ELEVATION (FT-NGVD)
- ⊕ PIEZOMETERS WITH GROUNDWATER ELEVATION (FT-NGVD)
- ▲ MONITORING POINT WITH SURFACE WATER ELEVATION (FT-NGVD)
- —19— GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

NOTE:

1. GROUNDWATER DATA FROM 5-12-2010
2. GROUNDWATER ELEVATION GIVEN IN PARENTHESES

6-21-10

FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

U:\SO\Old\HAZARD\Sarasota\Central Disposal Complex\GROUNDWATER CONTOUR MAPS\GROUNDWATER COUNTOUR MAP MAY_2010.dwg Jun21,2010 - 2:23pm Plotted By: 22427

PBS&J

SARASOTA COUNTY
CENTRAL COUNTY SOLID WASTE
DISPOSAL COMPLEX

GROUNDWATER CONTOUR MAP
MAY 2010

FIGURE
1

CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX
EXCEEDENCE OF MCLs SUMMARY
2010 - 1st Semi-Annual & Evaluation Monitoring Report

40.7

		20585	21455	22883	4509	22884	4510	22885	23031	23032	23033	23034	23035	23036
		Background	Detection	Compliance	Detection	Compliance	Detection	Compliance	Detection	Detection	Detection	Detection	Detection	Detection
Parameter	MCL	MW-1R	MW-8A	CW-8A	MW-9	CW-9	MW-10R	CW-10R	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20
Solids, Total Dissolved	500 mg/l		982	680	1020	802	858	2040	3540	1830	948	605		1180
Total Ammonia	2.8 mg/l		12.5	6.7	13.7	10.2	7.1		4.1	12.5	25.1		22.4	3.2
Arsenic	10 ug/l		43.7	33.7	35	55.1	10.1		47.3	47.3	70		42.2	76.7
Iron	0.3 mg/l	4120	60300	44400	39100	28000	55700	2030	46900	55900	105000	28100	63300	58200
pH	6.5-8.5		6.23	5.98	6.43	6.39	6.25	6.18	6.34	6.23	6.18	6.26	5.95	6.48
Sulfate	250 mg/l								639					
Chloride	250 mg/l									305				
Sodium	160,000 ug/l									256				
Lead	15 ug/l													15.9
Vanadium	49 ug/l													65.6
Aluminum	200 ug/l										435		2830	
Manganese	50 ug/l								1010					

Florida Department of Environmental Protection

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JUL 06 2010
SOUTHWEST DISTRICT
TAMPA

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Central County Solid Waste Disposal Complex, Class I Landfill Operation

Address 4000 Knights Trail Road

City Nokomis Zip 34275 County Sarasota

Telephone Number (941)861-1589

(2) WACS Facility ID 51614

(3) DEP Permit Number 130542-007-SO/01

(4) Authorized Representative's Name Lois Rose Title Manager, Solid Waste

Address 4000 Knights Trail Road

City Nokomis Zip 34275 County Sarasota

Telephone Number (941)861-1589

Email address (if available) lerose@scgov.net

CERTIFICATION

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

July 1, 2010
(Date)

Lois E Rose
(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Sarasota County

Analytical Lab NELAC / HRS Certification # E83079, E84167

Lab Name PACE Benchmark EnviroAnalytical, Inc

Address 8 East Tower Circle, Ormond Beach, FL 32174 1711 12th Street East, Palmetto, FL 34221

Phone Number (386)672-5668 941-723-9986

Email address (if available)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: MW-1R (20585)	SAMPLE ID:	DATE: 5.11.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 5.2 feet to 15.2 feet	STATIC DEPTH TO WATER (feet): 6.03	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.7 feet − 6.03 feet) X 0.16 gallons/foot = 1.55 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 11:06	PURGING ENDED AT: 11:31	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:22	1.6	1.6	0.10	7.00	6.75	25.0	496	4.9 J	5.8	pale yellow	none
11:26	0.4	2.0	0.10	7.08	6.75	25.0	514	2.4 J	5.8	same	same
11:31	0.5	2.5	0.10	7.13	6.74	25.0	520	2.0 J	6.8	same	same
					/	/	/	0.16 mg/l	/	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:32	SAMPLING ENDED AT: 11:55
PUMP OR TUBING DEPTH IN WELL (feet): 7.7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 24.428 − 6.03 = 18.39 NGVD

REMARKS: After sampling, in-situ bladder pump temporarily removed to sound well. 15.7' measured well depth. Pump reinstalled. J = DO readings estimated
TOC: 24.428

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 20585
Well Name: MW-1R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.39 NGVD

Sample Date/Time: 5/11/2010 11:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/11/2010	6.74		S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/11/2010	25.0		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/11/2010	520		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/11/2010	0.16	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/11/2010	6.8		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	28.1		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	4120	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/20/2010	3.7		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	7.3		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	83.6		mg/l	250
01042	Copper	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	15.8		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	22.1		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0051	U	µg/l	0.0051
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0064	U	µg/l	0.0064

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 20585
Well Name: MW-1R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.39 NGVD

Sample Date/Time: 5/11/2010 11:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.54		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
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Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.39 NGVD

Sample Date/Time: 5/11/2010 11:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/11/2010	0.004	U	mg/l	0.004
00945	Sulfate	Grab	N	E300.0	5/24/2010	9.8		mg/l	2.5
00940	Chloride	Grab	N	E300.0	5/24/2010	23.6		mg/l	2.5
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	0.066		mg/l	0.040
70300	Solids, Total Dissolved	Grab	N	SM2540	5/17/2010	381		mg/l	5
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	233		mg/l	50
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	50

Comments and explanations: Iron was 4120 µg/l should be <300 µg/l, but within historical range.Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **MW-8A (21453)**	SAMPLE ID:	DATE: 5.10.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 5.0 feet to 15.0 feet	STATIC DEPTH TO WATER (feet): 9.55	PURGE PUMP TYPE OR BAILER: MasterFlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.5 feet − 9.55 feet) X 0.16 gallons/foot = 0.95 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.0	PURGING INITIATED AT: 11:39	PURGING ENDED AT: 12:28	TOTAL VOLUME PURGED (gallons): 3.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:51	1.2	1.2	0.10	10.16	6.22	26.5	1410	5.5 J	3.8	clear, pale yellow	v. sl organic
12:04	0.8	2.0	0.06	10.12	6.22	27.0	1392	2.3 J	3.9	same	same
12:16	0.8	2.8	0.07	10.23	6.23	26.8	1392	2.1 J	2.9	same	same
12:28	0.8	3.6	0.07	10.23	6.23	26.8	1387	1.6 J	2.7	same	same
					✓	✓	✓	0.1 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:29	SAMPLING ENDED AT: 12:56
PUMP OR TUBING DEPTH IN WELL (feet): 11.0	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WE : 28.637 − 9.55 = 19.087 NGVD

REMARKS:
TOC: 28.637
After sampling, in-situ bladder pump temporarily removed to sound well. 15.5' measured well depth. pump reinstalled.
J = DO readings estimated

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 21453
Well Name: MW-8A
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.087 NGVD

Sample Date/Time: 5/10/2010 12:56
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/10/2010	6.23	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/10/2010	26.8		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/10/2010	1387		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/10/2010	0.12	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/10/2010	2.7		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	43.7	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	59.7		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	5.6		µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.9		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	60300	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	4.9		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.8		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	201		mg/l	0.25
01042	Copper	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	70.7		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	74.1		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	18.1	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0051	U	µg/l	0.0051
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0065	U	µg/l	0.0065

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 21453
Well Name: MW-8A
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.087 NGVD

Sample Date/Time: 5/10/2010 12:56
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/14/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/14/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/14/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/14/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/14/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 21453
Well Name: MW-8A
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.087 NGVD

Sample Date/Time: 5/10/2010 12:56
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/14/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/14/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/14/2010	0.68		µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/14/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/14/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/11/2010	0.010	U	mg/l	0.004
00945	Sulfate	Grab	N	E300.0	5/24/2010	25.0	U	mg/l	25.0
00940	Chloride	Grab	N	E300.0	5/24/2010	38.9		mg/l	25.0
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	12.5	X	mg/l	0.040
70300	Solids, Total Dissolved	Grab	N	SM2540	10/29/2009	982	X	mg/l	10.0
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	869		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0

Comments and explanations: TDS was 982 mg/l, should be <500 mg/l, but within historical range. Ammonia was 12.5 mg/l, should be <2.8 mg/ and above historical, Arsenic was 43.7 µg/l should be <10 µg/l, but within historical range. Iron was 60,300 µg/l should be <300 µg/l, but within historical range. pH was 6.23 units, should be >6.5 units, but well was purged and showed stabilization. Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: MW-9 (4509)	SAMPLE ID:	DATE: 5.10.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet	STATIC DEPTH TO WATER (feet): 15.63	PURGE PUMP TYPE OR BAILER: MasterFlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.58 * feet – 15.63 feet) X 0.16 gallons/foot = 1.27 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0	PURGING INITIATED AT: 15:12	PURGING ENDED AT: 15:57	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or ~~µS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:32	1.4	1.4	0.07	16.03	6.44	26.0	1900	6.2 J	13.6	pale yellow	v. sl organic
15:40	0.6	2.0	0.07	16.05	6.45	26.0	1389	3.0 J	10.2	Same	Same
15:48	0.6	2.6	0.07	16.04	6.44	25.8	1386	1.8 J	3.5	clear, pale yellow	Same
15:57	0.6	3.2	0.07	16.04	6.43	26.0	1382	2.5 J	2.4	Same	Same
					/	/	/	0.20 mg/l	/	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 15:58	SAMPLING ENDED AT: 16:22
PUMP OR TUBING DEPTH IN WELL (feet): 17.0	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WE : 35.112 – 15.63 = 19.482 ft NGVD

REMARKS:
TOC: 35.112
* Well depth and screen interval could not be verified. (Casing damaged near land surface, unable to remove in-situ bladder pump.)
J = DO readings estimated

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4509
Well Name: MW-9
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.48 NGVD

Sample Date/Time: 5/10/2010 16:22:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/10/2010	6.43	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/10/2010	26.0		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/10/2010	1382		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/10/2010	0.20	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/10/2010	2.4		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	35.0	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	96.5		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	39100	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	6.6		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	292		mg/l	0.25
01042	Copper	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	46.3		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	41.3		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0050	U	µg/l	0.0050
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0063	U	µg/l	0.0063

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4509
Well Name: MW-9
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.48 NGVD

Sample Date/Time: 5/10/2010 16:22:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/14/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/14/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/14/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/14/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/14/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4509
Well Name: MW-9
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.48 NGVD

Sample Date/Time: 5/10/2010 16:22:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/14/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/14/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/14/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/14/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/14/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/14/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/11/2010	0.004	U	mg/l	0.004
00945	Sulfate	Grab	N	E300.0	5/24/2010	2.7		mg/l	2.5
00940	Chloride	Grab	N	E300.0	5/24/2010	2.5	U	mg/l	2.5
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	13.7	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/17/2010	1020	X	mg/l	10
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	909		mg/l	10
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5	U	mg/l	5

Comments and explanations: TDS was 1020 mg/l, should be <500 mg/l, but within historical range. Ammonia was 13.7 mg/l should be <2.8 mg/l but within historical range. Arsenic was 35 µg/l should be <10 µg/l, but within historical range.Iron was 39100 µg/l should be <300 µg/l, but within historical range. pH was 6.43 units, should be >6.5 units, but well was purged and showed stabilization.Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but well showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **MW-10R (4510)**	SAMPLE ID:	DATE: 5.11.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 11.7 feet to 21.7 feet	STATIC DEPTH TO WATER (feet): 12.61	PURGE PUMP TYPE OR BAILER: MasterFlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.2 feet − 12.61 feet) X 0.16 gallons/foot = 1.53 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	PURGING INITIATED AT: 13:18	PURGING ENDED AT: 13:42	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or (% saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:32	1.2	1.2	0.08	13.50	6.25	24.5	1506	3.9 J	1.4	Clear, pale yellow	Vish organic
13:37	0.3	1.5	0.06	13.58	6.25	24.5	1500	4.5 J	2.1	Same	Same
13:42	0.3	1.8	0.06	13.62	6.25	24.4	1502	3.2 J	3.1	Same	Same
					✓	✓	✓	0.099 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston/Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 13:44	SAMPLING ENDED AT: 14:08
PUMP OR TUBING DEPTH IN WELL (feet): 14.5	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 31.792 − 12.61 = 19.182 NGVD

REMARKS: Reported well depth 10.26.09: 18.65' (used to determine purge volume) After sampling, in-situ bladder pump temporarily removed to sound well. 22.2' measured depth. Pump reinstalled. J = DO readings estimated
TOC: 31.792

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4510
Well Name: MW-10R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.18 NGVD

Sample Date/Time: 5/11/2010 14:08:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/11/2010	6.25	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/11/2010	24.4		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/11/2010	1502		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/11/2010	0.099	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/11/2010	3.1		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	10.1	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	62.5		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.1		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	55700	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/20/2010	1.8		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	184		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	49.4		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	81.7		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	13.3		µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0050	U	µg/l	0.0050
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0063	U	µg/l	0.0063

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4510
Well Name: MW-10R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.18 NGVD

Sample Date/Time: 5/11/2010 14:08:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 4510
Well Name: MW-10R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.18 NGVD

Sample Date/Time: 5/11/2010 14:08:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/12/2010	0.013	U	mg/l	0.004
00945	Sulfate	Grab	N	E300.0	5/24/2010	25	U	mg/l	25
00940	Chloride	Grab	N	E300.0	5/24/2010	65.9		mg/l	25
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	7.1	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/17/2010	858	X	mg/l	10
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	707		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5	U	mg/l	5.0

Comments and explanations: TDS was 858 mg/l, should be <500 mg/l, but within historical range. Ammonia was 7.1 mg/l, should be <2.8 mg/l but within historical rangel. Iron was 55,700 µg/l should be <300 µg/l, but within historical range. Arsenic was 10.1 µg/l should be <10 µg/l, but within historical range. pH was 6.25 units, should be >6.5 units, but well was purged and showed stabilization.Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but well showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **MW-15 (23031)**	SAMPLE ID:	DATE: 5.12.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20.0 feet to 30.0 feet	STATIC DEPTH TO WATER (feet): 24.76	PURGE PUMP TYPE OR BAILER: SS geosub ESP

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

= (30.5 feet − 24.76 feet) X 0.16 gallons/foot = 0.92 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.0	PURGING INITIATED AT: 15:55	PURGING ENDED AT: 16:25	TOTAL VOLUME PURGED (gallons): 3.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
16:05	1.2	1.2	0.11	25.40	6.28	25.6	3830	14.9	6.5	clear, pale yellow	v. sl. organic
16:15	0.6	1.8	0.07	25.57	6.31	24.7	3820	8.7	2.3	Same	Same
16:20	0.6	2.4	0.12	25.71	6.29	24.5	3800	8.8	0.96	Same	Same
16:25	0.6	3.0	0.12	25.82	6.34	24.3	3790	8.9	1.2	Same	Same
					✓	✓	✓	0.743 mg/l	✓	✓	✓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Arcadis	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 16:26	SAMPLING ENDED AT: 16:50
PUMP OR TUBING DEPTH IN WELL (feet): 28.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 44.32 − 24.76 = 19.56 NGVD

REMARKS:
TOC:44.32

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23031
Well Name: MW-15
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/12/2010	6.34	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/12/2010	24.3		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/12/2010	3790		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/12/2010	0.743		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/12/2010	1.2		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	47.3	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	228		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	19.3		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/28/2010	46900	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	8.0		µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	25.2		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	7.9		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	6/1/2010	790		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	6/1/2010	166.0		mg/l	0.25
01055	Manganese	Grab	N	SW6010	5/20/2010	1010.0	X	µg/l	2.50
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	69.9		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0052	U	µg/l	0.0052
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0066	U	µg/l	0.0066

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23031
Well Name: MW-15
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	8.3		µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.90		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23031
Well Name: MW-15
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	639	X	mg/l	25
00940	Chloride	Grab	N	E300.0	5/24/2010	132		mg/l	25
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	4.1	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/17/2010	3540	X	mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.77	U	µg/l	0.77
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	7680		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	25	U	mg/l	25.0

Comments and explanations: TDS was 3,540 mg/l, should be <500 mg/l. Ammonia was 4.1 mg/l, should be <2.8 mg/l. Iron was 46,900 µg/l should be <300 µg/l. Arsenic was 47.3 µg/l should be <10 µg/l. Manganese was 1010 ug/l should be <50 ug/l. Sulfate was 639 mg/l should be <250 mg/l. pH was 6.34 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: MW-16 (23032)	SAMPLE ID:	DATE: 5.13.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.8 feet to 29.8 feet	STATIC DEPTH TO WATER (feet): 25.40	PURGE PUMP TYPE OR BAILER: SS geosub ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30.3 feet – 25.40 feet) X 0.16 gallons/foot = 0.78 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.0	PURGING INITIATED AT: 07:37	PURGING ENDED AT: 07:51	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:44	1.0	1.0	0.14	26.22	6.17	24.1	3090	7.3	4.7	pale yellow	none
07:48	0.5	1.5	0.13	26.68	6.21	24.2	3060	6.1	10.3	same	same
07:51	0.7	2.2	0.17	26.69	6.23	24.0	3000	6.1	8.8	same	same
					/	/	/	0.51 mg/l	/	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:53	SAMPLING ENDED AT: 08:04
PUMP OR TUBING DEPTH IN WELL (feet): 28.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WE : 43.73 - 25.40 = 18.33 NGVD

REMARKS:
TOC :43.73

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23032
Well Name: MW-16
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.33 NGVD

Sample Date/Time: 5/13/2010 8:04
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/13/2010	6.23	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/13/2010	24		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/13/2010	3000		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/13/2010	0.51		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/13/2010	8.8		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	40.7	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	95.4		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	3.7		µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	8.5		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	55900	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	7.2		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	8.2		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	252		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	91.0		mg/l	0.25
01055	Manganese	Grab	N	SW6010	5/20/2010	10.8		µg/l	2.50
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	256.0	X	mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/21/2010	0.0051	U	µg/l	0.0051
77651	Ethylene Dibromide	Grab	N	SW8011	5/21/2010	0.0065	U	µg/l	0.0065

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23032
Well Name: MW-16
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.33 NGVD

Sample Date/Time: 5/13/2010 8:04
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/22/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/22/2010	0.57		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/22/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/22/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/22/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/22/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23032
Well Name: MW-16
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 18.33 NGVD

Sample Date/Time: 5/13/2010 8:04
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/22/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/22/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/22/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/22/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	50.0	U	mg/l	50
00940	Chloride	Grab	N	E300.0	5/24/2010	305	X	mg/l	25
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	12.5	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	1830	X	mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.78	U	µg/l	0.78
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	1110		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0

Comments and explanations: TDS was 1,830 mg/l, should be <500 mg/l. Ammonia was 12.5 mg/l, should be <2.8 mg/l. Iron was 55,900 µg/l should be <300 µg/l. Arsenic was 40.7 µg/l should be <10 µg/l. Sodium was 256 mg/l, should be <250 mg/l. Chloride was 305 mg/l should be <250 mg/l. pH was 6.23 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: MW-17 (23033)	SAMPLE ID:	DATE: 5.13.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22.1 feet to 32.1 feet	STATIC DEPTH TO WATER (feet): 28.81	PURGE PUMP TYPE OR BAILER: SS geosub ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (32.6 feet – 28.81 feet) X 0.16 gallons/foot = 0.78 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.0	PURGING INITIATED AT: 08:42	PURGING ENDED AT: 09:04	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:50	0.8	0.8	0.10	29.08	6.15	24.8	1260	10.3	27.0	pale yellow	Sl organic
08:55	0.4	1.2	0.08	29.29	6.15	24.8	1271	8.9	19.7	Same	Same
09:01	0.4	1.6	0.08	29.43	6.16	24.9	1269	9.0	10.3	Same	Same
09:04	0.4	2.0	0.10	29.50	6.18	24.7	1272	7.4	7.9	Same	Same
					↓	↓	↓	0.61 mg/l	↓	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Andersen	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 09:05	SAMPLING ENDED AT: 09:18
PUMP OR TUBING DEPTH IN WELL (feet): 31.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WE: 46.15 – 28.81 = 17.34 NGVD

REMARKS:
TOC 46.15

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23033
Well Name: MW-17
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.34 NGVD

Sample Date/Time: 5/13/2010 9:18
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/13/2010	6.18	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/13/2010	24.7		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/13/2010	1272		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/13/2010	0.61		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/13/2010	7.9		NTU	0.1
01105	Aluminum	Grab	N	SW6010	5/20/2010	435.0	X	µg/l	50.0
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	70.0	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	96.4		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	3.9		µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	105000	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	7.2		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	219		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	16.1		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	61.2		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/21/2010	0.0051	U	µg/l	0.0051
77651	Ethylene Dibromide	Grab	N	SW8011	5/21/2010	0.0065	U	µg/l	0.0065

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23033
Well Name: MW-17
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.34 NGVD

Sample Date/Time: 5/13/2010 9:18
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/22/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/22/2010	0.61		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/22/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/22/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/22/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/22/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23033
Well Name: MW-17
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.34 NGVD

Sample Date/Time: 5/13/2010 9:18
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/22/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/22/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/22/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/22/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/22/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/22/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	25.0	U	mg/l	50
00940	Chloride	Grab	N	E300.0	5/24/2010	75.9		mg/l	25
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	25.1	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	948	X	mg/l	10
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	687		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0

Comments and explanations: TDS was 948 mg/l, should be <500 mg/l. Ammonia was 25.1 mg/l, should be <2.8 mg/l. Iron was 105,000 µg/l should be <300 µg/l. Aluminum was 435 µg/l should be <200 µg/l. Arsenic was 70 µg/l should be <10 µg/l. pH was 6.18 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: MW-18 (23034)	SAMPLE ID:	DATE: 5.12.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 15.2 feet to 25.2 feet	STATIC DEPTH TO WATER (feet): 21.42	PURGE PUMP TYPE OR BAILER: SS grasub ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25.7 feet – 21.42 feet) X 0.16 gallons/foot = 0.68 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.0	PURGING INITIATED AT: 10:20	PURGING ENDED AT: 10:37	TOTAL VOLUME PURGED (gallons): 2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:25	0.8	0.8	0.13	22.21	6.26	23.9	901	4.2	9.6	Almost Colorless	none
10:31	0.7	1.5	0.13	22.38	6.27	23.9	881	3.9	4.7	same	same
10:37	0.8	2.3	0.13	22.55	6.26	23.8	859	4.2	10.6	same	same
					/	/	/	0.35+ mg/l	/	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston/Ardaman	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 10:40	SAMPLING ENDED AT: 10:55
PUMP OR TUBING DEPTH IN WELL (feet): 24.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 39.14 - 21.42 = 17.72 NGVD

REMARKS:
TOC 39.14

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23034
Well Name: MW-18
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.72 NGVD

Sample Date/Time: 5/12/2010 10:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/12/2010	6.26	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/12/2010	23.8		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/12/2010	859		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/12/2010	0.35		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/12/2010	10.6		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	33.6		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	28100	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	0.82		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	199		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	17.9		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	5.0		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0050	U	µg/l	0.0050
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0064	U	µg/l	0.0064

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23034
Well Name: MW-18
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.72 NGVD

Sample Date/Time: 5/12/2010 10:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.68		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23034
Well Name: MW-18
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.72 NGVD

Sample Date/Time: 5/12/2010 10:55
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	25.0	U	mg/l	25.0
00940	Chloride	Grab	N	E300.0	5/24/2010	25.0	U	mg/l	25.0
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	1.3		mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	605	X	mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.76	U	µg/l	0.76
00440	Bicarbonate	Grab	N	SM2320B	5/21/2010	554		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/21/2010	5.0	U	mg/l	5.0

Comments and explanations: TDS was 605 mg/l, should be <500 mg/l. Iron was 28,100 µg/l should be <300 µg/l. pH was 6.26 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **MW-19 (23035)**	SAMPLE ID:	DATE: 5.12.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 12.5 feet to 22.5 feet	STATIC DEPTH TO WATER (feet): 19.12	PURGE PUMP TYPE OR BAILER: SS geosub ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.0 feet − 19.12 feet) X 0.16 gallons/foot = 0.62 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	PURGING INITIATED AT: 12:37	PURGING ENDED AT: 12:57	TOTAL VOLUME PURGED (gallons): 1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:45	0.7	0.7	0.09	19.94	5.89	24.2	648	7.3	5.5	clear, yellowish brown	none
12:51	0.6	1.3	0.10	20.24	5.94	24.4	637	7.3	4.6	same	same
12:57	0.6	1.9	0.10	20.53	5.95	24.2	610	6.9	9.4	same	same
					✓	✓	✓	0.577 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston/Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 12:58	SAMPLING ENDED AT: 13:15
PUMP OR TUBING DEPTH IN WELL (feet): 22.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 36.81 − 19.12 = 17.69
NGVD

REMARKS:
TOC 36.81

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23035
Well Name: MW-19
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.69 NGVD

Sample Date/Time: 5/12/2010 13:15:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/12/2010	5.95	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/12/2010	24.2		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/12/2010	610		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/12/2010	0.57		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/12/2010	9.4		NTU	0.1
01105	Aluminum	Grab	N	SW6010	5/20/2010	2830.0	X	µg/l	50.0
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	42.2	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	36		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	8.2		µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	63300	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5		µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	3.8		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	16.0		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	50.7		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	18.3		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	23.9		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/21/2010	0.0050	U	µg/l	0.0050
77651	Ethylene Dibromide	Grab	N	SW8011	5/21/2010	0.0063	U	µg/l	0.0063

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23035
Well Name: MW-19
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.69 NGVD

Sample Date/Time: 5/12/2010 13:15:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/25/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/25/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/25/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/25/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/25/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23035
Well Name: MW-19
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.69 NGVD

Sample Date/Time: 5/12/2010 13:15:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/25/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/25/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/25/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/25/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	5.0	U	mg/l	5.0
00940	Chloride	Grab	N	E300.0	5/24/2010	12.2		mg/l	5.0
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	22.4	X	mg/l	0.10
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	461		mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.77	U	µg/l	0.77
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	299		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0

Comments and explanations:Ammonia was 22.4 mg/l, should be <2.8 mg/l. Iron was 63,300 µg/l should be <300 µg/l. Aluminum was 2830 µg/l should be <200 µg/l. Arsenic was 42.2 µg/l should be <10 µg/l. pH was 5.95 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **MW-20 (23036)**	SAMPLE ID:	DATE: 5.12.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 12.0 feet to 22.0 feet	STATIC DEPTH TO WATER (feet): 18.50	PURGE PUMP TYPE OR BAILER: SS geosub ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.5 feet – 18.50 feet) X 0.16 gallons/foot = 0.64 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.8	PURGING INITIATED AT: 14:23	PURGING ENDED AT: 14:41	TOTAL VOLUME PURGED (gallons): 1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:30	0.7	0.7	0.10	19.24	6.40	25.1	1498	7.2	3.4	pale yellow	none
14:36	0.6	1.3	0.10	19.84	6.46	24.9	1464	6.4	3.7	same	same
14:41	0.6	1.9	0.11	20.58	6.48	24.7	1462	5.8	15.8	same	same
					✓	✓	✓	0.48 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 14:42	SAMPLING ENDED AT: 14:57
PUMP OR TUBING DEPTH IN WELL (feet): 21.8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 35.96 – 18.50 = 17.46 NGVD

REMARKS:
TOC 35.96

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23036
Well Name: MW-20
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.46 NGVD

Sample Date/Time: 5/12/2010 14:57:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/12/2010	6.48	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/12/2010	24.7		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/12/2010	1462		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/12/2010	0.48		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/12/2010	15.8		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	76.7	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	165		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	60.9		µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	9.4		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	58200	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	14.7		µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/20/2010	1.8		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	65.6	X	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	1.1		µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	250		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.9	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	15.9	X	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	76.2		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	113.0		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	13.4		µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/21/2010	0.0051	U	µg/l	0.0051
77651	Ethylene Dibromide	Grab	N	SW8011	5/21/2010	0.0065	U	µg/l	0.0065

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23036
Well Name: MW-20
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.46 NGVD

Sample Date/Time: 5/12/2010 14:57:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/25/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/25/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/25/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/25/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/25/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 23036
Well Name: MW-20
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 17.46 NGVD

Sample Date/Time: 5/12/2010 14:57:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/25/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/25/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/25/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/25/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/25/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/25/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	25.0	U	mg/l	5.0
00940	Chloride	Grab	N	E300.0	5/24/2010	95.2		mg/l	5.0
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	3.2	X	mg/l	0.10
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	1180	X	mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.78	U	µg/l	0.78
00440	Bicarbonate	Grab	N	SM2320B	5/25/2010	859		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/25/2010	5.0	U	mg/l	5.0

Comments and explanations:TDS was 1,180 mg/l, should be <500 mg/l. Ammonia was 3.2 mg/l, should be <2.8 mg/l. Iron was 58,200 µg/l should be <300 µg/l. Arsenic was 76.7 µg/l should be <10 µg/l. Lead was 15.9 µg/l should be <15 µg/l. Vanadium was 65.6 µg/l should be <49 µg/l. pH was 6.48 units, should be >6.5 units, but well was purged and showed stabilization. There is no historical information on this well.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: CW-8A (22883)	SAMPLE ID:	DATE: 5.10.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 5.0 feet to 15.0 feet	STATIC DEPTH TO WATER (feet): 7.08	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

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

= (15.5 feet − 7.08 feet) X 0.16 gallons/foot = 1.35 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	PURGING INITIATED AT: 13:35	PURGING ENDED AT: 14:27	TOTAL VOLUME PURGED (gallons): 3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or (% saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:53	1.5	1.5	0.08	7.78	6.15	24.3	1039	5.5 J	8.8	pale yellow	v.sl.organic
14:03	0.8	2.3	0.08	7.84	6.09	24.4	1009	2.2 J	8.4	same	same
14:15	0.8	3.1	0.09	7.82	6.01	24.2	950	2.1 J	7.0	same	same
14:21	0.4	3.5	0.08	7.87	5.99	24.0	928	2.3 J	6.8	same	same
14:27	0.4	3.9	0.07	7.88	5.98	24.2	906	1.7 J	5.8	same	same
					✓	✓	✓	0.089 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 14:30	SAMPLING ENDED AT: 14:38
PUMP OR TUBING DEPTH IN WELL (feet): 8.5	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 26.132 − 7.08 = 19.052 NGVD

REMARKS: J = DO readings estimated
TOC 26.132

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 22883
Well Name: CW-8A
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.05 NGVD

Sample Date/Time: 5/10/2010 14:38:00 PM
Report Period: 1st semianual 2010
Well purged: Yes
Well Type: Compliance

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/10/2010	5.98	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/10/2010	24.2		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/10/2010	906		µmhos/cm	1.0
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/10/2010	0.089	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/10/2010	5.80		NTU	0.1
82079	Iron (Total)	Grab	N	SW6010	5/20/2010	44400	X	µg/l	20
01002	Arsenic	Grab	N	SW6020	5/21/2010	33.7	X	µg/l	2.50
00610	Total Ammonia- N	Grab	N	E350.1	5/17/2010	6.7	X	mg/l	0.020
70304	TDS (mg/l)	Grab	N	SM2540C	5/17/2010	680	X	mg/l	10.0

Comments and explanations: pH was 5.98 units, should be >6.5 units but within historical range. Iron was 44,400 µg/l should be <300 µg/l, but within historical range. Arsenic was 33.7 µg/l, should be <10 µg/l but within historical range.Nitrogen ammonia was 6.7 mg/l, should be <2.8 mg/l, but within historical range. TDS was 680 mg/l, should be <500 mg/l, but within historical range. Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **Central County Solid Waste Disposal**	SITE LOCATION: **4000 Knights Trail Road**	
WELL NO: **CW-9 (22884)**	SAMPLE ID:	DATE: 5.11.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 5.0 feet to 15.0 feet	STATIC DEPTH TO WATER (feet): 7.11	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.5 feet − 7.11 feet) X 0.16 gallons/foot = 1.34 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	PURGING INITIATED AT: 9:33	PURGING ENDED AT: 10:11	TOTAL VOLUME PURGED (gallons): 2.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
09:53	1.4	1.4	0.07	7.87	6.39	23.3	1190	2.2 J	17.2	pale yellow	organic
10:02	0.6	2.0	0.07	8.07	6.39	23.1	1211	3.9 J	13.1	same	same
10:11	0.6	2.6	0.07	8.11	6.39	23.0	1242	2.0 J	9.5	same	same
					✓	✓	✓	0.17 mg/l	✓	✓	✓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Arcadis	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 10:12	SAMPLING ENDED AT: 10:26
PUMP OR TUBING DEPTH IN WELL (feet): 8.5	TUBING MATERIAL CODE: PE,S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

See Attached Chain of Custody

WE: 26.582 − 7.11 = 19.47 NGVD

REMARKS: J = DO readings estimated
TOC: 26.582

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 22884
Well Name: CW-9
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.47 NGVD

Sample Date/Time: 5/11/2010 10:26
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Compliance

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/11/2010	6.39	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/11/2010	23		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/11/2010	1242		µmhos/cm	1.0
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/11/2010	0.17	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/11/2010	9.5		NTU	0.1
82079	Iron (Total)	Grab	N	SW6010	5/20/2010	28000	X	µg/l	20
01002	Arsenic	Grab	N	SW6020	5/21/2010	55.1	X	µg/l	0.50
00610	Total Ammonia- N	Grab	N	E350.1	5/17/2010	10.2	X	mg/l	0.020
70304	TDS (mg/l)	Grab	N	SM2540C	5/17/2010	802	X	mg/l	5.0

Comments and explanations: pH was 6.39 units, should be >6.5 units but within historical range. Iron was 28,000 µg/l should be <300 µg/l, but within historical range. Arsenic was 55.1 µg/l should be <10 µg/l, but within historical range. Nitrogen ammonia was 10.2 mg/l, should be <2.8 mg/l, but within historical range. TDS was 802 mg/l, should be <500 mg/l, but within historical range. Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but showed stabilization

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: ~~CW-10~~ (22885) CW-10R MA	SAMPLE ID:	DATE: 5.11.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 4.8 feet to 14.8 feet	STATIC DEPTH TO WATER (feet): 7.40	PURGE PUMP TYPE OR BAILER: Mastar-Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.3 feet – 7.40 feet) X 0.16 gallons/foot = 1.26 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.0	PURGING INITIATED AT: 14:36	PURGING ENDED AT: 16:08	TOTAL VOLUME PURGED (gallons): 6.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or ~~mS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:57	1.5	1.5	0.07	8.65	6.19	23.6	2710	1.9 J	38.7	Grayish yellow	Organic
15:11	1.0	2.5	0.07	8.96	6.19	23.3	2640	1.9 J	28.5	Same	Same
15:26	1.0	3.5	0.07	9.10	6.18	22.9	2650	1.8 J	23.0	Same	Same
15:39	1.0	4.5	0.07	9.19	6.19	23.1	2580	1.8 J	21.1	Same	Same
15:54	1.0	5.5	0.07	9.32	6.18	22.9	2550	1.6 J	19.4	Same	Same
16:01	0.5	6.0	0.07	9.35	6.18	22.8	2545	1.6 J	18.8	Same	Same
16:08	0.5	6.5	0.07	9.37	6.18	22.9	2540	1.6 J	17.6	Same	Same
					↓	↓	↓	0.137	↓	↓	↓
								mg/l			

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston/Ardaman	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 16:10	SAMPLING ENDED AT: 16:18
PUMP OR TUBING DEPTH IN WELL (feet): 10.0	TUBING MATERIAL CODE: PE,S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) MA (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WE: 26.982 – 7.42 = 19.562 NGVD

REMARKS: Initial purge water very dark gray. By end of 1st volume, water grayish yellow with fine gray organic particulate. TOC: 26.982 In-situ bladder pump removed during 1st purge volume. Well depth sounded @ end of sampling. Pump reinstalled. J= DO readings estimated

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

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

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

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

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

Revision Date: February 12, 2009

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 22885
Well Name: CW-10R
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/10/2010 16:18:00 PM
Report Period: 1st semianual 2010
Well purged: Yes
Well Type: Compliance

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/10/2010	6.18	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/10/2010	22.9		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/10/2010	2540		µmhos/cm	1.0
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/10/2010	0.137	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/10/2010	17.60		NTU	0.1
82079	Iron (Total)	Grab	N	SW6010	5/20/2010	2030	X	µg/l	20
01002	Arsenic	Grab	N	SW6020	5/21/2010	6.1		µg/l	0.50
00610	Total Ammonia- N	Grab	N	E350.1	5/17/2010	2.0		mg/l	0.020
70304	TDS (mg/l)	Grab	N	SM2540C	5/17/2010	2040	X	mg/l	5.0

Comments and explanations:pH was 6.18 units, should be >6.5 units but within historical range. Iron was 2030 µg/l should be <300 µg/l, but within historical range. TDS was 2,040 mg/l, should be <500 mg/l, but within historical range. Dissolved Oxygen is an estimated value (J), the equipment did not hold the continuous calibration verification, but showed stabilization

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Field duplicate (MW-15)
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/12/2010	6.34	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/12/2010	24.3		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/12/2010	3790		µmhos/cm	1
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/12/2010	0.743		mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/12/2010	1.2		NTU	0.1
01097	Antimony	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	47.6	X	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	230		µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	18.6		µg/l	5.0
01045	Iron	Grab	N	SW6010	5/28/2010	48000	X	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	7.2		µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	22.9		mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	8.0		µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	6/1/2010	790		mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	6/1/2010	166.0		mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	71.1		mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	11.3		µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/18/2010	0.0050	U	µg/l	0.0050
77651	Ethylene Dibromide	Grab	N	SW8011	5/18/2010	0.0063	U	µg/l	0.0063

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Field duplicate (MW-15)
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.55		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Field duplicate (MW-15)
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.56 NGVD

Sample Date/Time: 5/12/2010 16:50:00 PM
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Detection

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	474	X	mg/l	25
00940	Chloride	Grab	N	E300.0	5/24/2010	98.9		mg/l	25
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	4.0	X	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/17/2010	3110	X	mg/l	10
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.78	U	µg/l	0.78
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	340		mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	1.0	U	mg/l	1.0

Comments and explanations:

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Equip blank
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD):

Sample Date/Time: 5/12/2010 8:00
Report Period: 1st semiannual 2010
Well purged:
Well Type:

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
01097	Antimony	Grab	N	SW6020	5/20/2010	0.50	U	µg/l	0.50
01002	Arsenic	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01007	Barium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01034	Chromium	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
01037	Cobalt	Grab	N	SW6010	5/28/2010	5.0	U	µg/l	5.0
01045	Iron	Grab	N	SW6010	5/20/2010	20	U	µg/l	20
01067	Nickel	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00937	Potassium	Grab	N	SW6010	5/28/2010	0.50	U	mg/l	0.50
71900	Mercury	Grab	N	SW7470	5/20/2010	0.10	U	µg/l	0.10
01087	Vanadium	Grab	N	SW6010	5/20/2010	5.0	U	µg/l	5.0
01012	Beryllium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
01027	Cadmium	Grab	N	SW6010	5/20/2010	0.50	U	µg/l	0.50
00916	Calcium	Grab	N	SW6010	5/20/2010	0.25	U	mg/l	0.25
01042	Copper	Grab	N	SW6020	5/20/2010	2.5	U	µg/l	2.5
01051	Lead	Grab	N	SW6020	5/20/2010	5.0	U	µg/l	5.0
00927	Magnesium	Grab	N	SW6010	5/20/2010	0.25	U	mg/l	0.25
01147	Selenium	Grab	N	SW6010	5/20/2010	7.5	U	µg/l	7.5
01077	Silver	Grab	N	SW6010	5/20/2010	2.5	U	µg/l	2.5
00929	Sodium	Grab	N	SW6010	5/20/2010	0.50	U	mg/l	0.50
01059	Thallium	Grab	N	SW6020	5/21/2010	0.50	U	µg/l	0.50
01092	Zinc	Grab	N	SW6010	5/20/2010	10.0	U	µg/l	10.0
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	5/21/2010	0.0048	U	µg/l	0.0048
77651	Ethylene Dibromide	Grab	N	SW8011	5/21/2010	0.0060	U	µg/l	0.0060

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Equip blank
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD):

Sample Date/Time: 5/12/2010 8:00
Report Period: 1st semiannual 2010
Well purged:
Well Type:

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
81552	Acetone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34215	Acrylonitrile	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34030	Benzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73085	Bromochloromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32101	Bromodichloromethane	Grab	N	SW8260	5/21/2010	0.27	U	µg/l	0.27
32104	Bromoform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34413	Bromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81595	2-Butanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
77041	Carbon disulfide	Grab	N	SW8260	5/21/2010	0.58		µg/l	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34301	Chlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34311	Chloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
32106	Chloroform	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34418	Chloromethane	Grab	N	SW8260	5/21/2010	0.62	U	µg/l	0.62
32105	Dibromochloromethane	Grab	N	SW8260	5/21/2010	0.26	U	µg/l	0.26
77596	Dibromomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
73547	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34571	1,4-Dichlorobenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
81686	cis-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34541	1,2-Dichloropropane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	5/21/2010	0.25	U	µg/l	0.25
34371	Ethylbenzene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77103	2-Hexanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID:
Well Name: Equip blank
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD):

Sample Date/Time: 5/12/2010 8:00
Report Period: 1st semiannual 2010
Well purged:
Well Type:

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
77424	Iodomethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
78133	4-Methyl-2-pentanone	Grab	N	SW8260	5/21/2010	5.0	U	µg/l	5.0
34423	Methylene chloride	Grab	N	SW8260	5/21/2010	2.5	U	µg/l	2.5
77128	Styrene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77562	1,1,1,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34516	1,1,2,2,-Tetrachloroethane	Grab	N	SW8260	5/21/2010	0.18	U	µg/l	0.18
34475	Tetrachloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34010	Toluene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
39180	Trichloroethene	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
77443	1,2,3-Trichloropropane	Grab	N	SW8260	5/21/2010	0.36	U	µg/l	0.36
77057	Vinyl acetate	Grab	N	SW8260	5/21/2010	1.0	U	µg/l	1.0
39175	Vinyl chloride	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
34020	Xylenes, Total	Grab	N	SW8260	5/21/2010	0.50	U	µg/l	0.50
00620	Nitrogen, Nitrate	Grab	N	E300.0	5/13/2010	0.05	U	mg/l	0.05
00945	Sulfate	Grab	N	E300.0	5/24/2010	2.5	U	mg/l	2.5
00940	Chloride	Grab	N	E300.0	5/24/2010	2.5	U	mg/l	2.5
00610	Nitrogen Ammonia	Grab	N	E350.1	5/17/2010	0.020	U	mg/l	0.020
70300	Solids, Total Dissolved	Grab	N	SM2540	5/19/2010	5.0	U	mg/l	5.0
39100	Bis (2-Ethylhexyl)phtalate	Grab	N	SM8270	5/22/2010	0.77	U	µg/l	0.77
00440	Bicarbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0
00430	Carbonate	Grab	N	SM2320B	5/19/2010	5.0	U	mg/l	5.0

Comments and explanations:

GROUNDWATER MONITORING REPORT - PART D

Facility GMS 4058CO2034
Test Site ID: 22884
Well Name: Duplicate (CW-9)
Classification of Groundwater: G-II
Ground Water Elevation: (NGVD): 19.47 NGVD

Sample Date/Time: 5/11/2010 10:26
Report Period: 1st semiannual 2010
Well purged: Yes
Well Type: Compliance

Storet Code	Parameter	Sampling Method	Samples Filtered (Y/N)	Analysis Method	Analysis Date	Analysis Results/	Q	Units	Detection Limits/
00400	pH (standard units) (field measurement)	N	N	EPA 150.1	5/11/2010	6.39	X	S.U.	0.01
00010	Temperature (° C) (Field)	N	N	Ysi Meter	5/11/2010	23		°C	0.1
00095	Specific Conductance (umhos/cm) (field)	N	N	EPA 120.1	5/11/2010	1242		µmhos/cm	1.0
00299	Dissolved Oxygen (field)	N	N	EPA 360.1	5/11/2010	0.17	J	mg/l	0.01
82079	Turbidity (NTUs)(Field)	Grab	N	EPA 180.1	5/11/2010	9.5		NTU	0.1
82079	Iron (Total)	Grab	N	SW6010	5/20/2010	29100	X	µg/l	20
01002	Arsenic	Grab	N	SW6020	5/21/2010	56.9	X	µg/l	0.50
00610	Total Ammonia- N	Grab	N	E350.1	5/17/2010	10.1	X	mg/l	0.020
70304	TDS (mg/l)	Grab	N	SM2540C	5/17/2010	796	X	mg/l	5.0

Comments and explanations:

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QUALITY ASSURED 6/21/2010

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

June 17, 2010

Mr. Cesar Rodriguez
Sarasota County
1255 T. Mabry Carlton Parkway
Resource Management
Venice, FL 34293

RE: Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Dear Mr. Rodriguez:
Enclosed are the analytical results for sample(s) received by the laboratory between May 13, 2010 and May 14, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Analysis performed by Benchmark, E84167, were identified on the COC and report attached.

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

Sincerely,

Joe Vondrick

joe.vondrick@pacelabs.com
Project Manager

Enclosures

cc: Mr. Frank DeSteno, Sarasota County
Finance Dept., Sarasota County

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Ormond Beach, FL 32174
(386)672-5668

CERTIFICATIONS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Ormond Beach Certification IDs

Alabama Certification #: 41320
8 East Tower Circle Ormond Beach, FL 32174
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH 0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: LA090012
Maine Certification #: FL1264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Montana Certification #: Cert 0074
Mississippi Certification: FL NELAC Reciprocity
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Wyoming Certification: FL NELAC Reciprocity
Arizona Certification #: AZ0735

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SAMPLE SUMMARY

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3511579001	CW-8A	Water	05/10/10 14:38	05/13/10 15:35
3511579002	MW-8A	Water	05/10/10 12:56	05/13/10 15:35
3511579003	MW-9	Water	05/10/10 16:22	05/13/10 15:35
3511579004	MW-15	Water	05/12/10 16:50	05/14/10 15:10
3511579005	MW-16	Water	05/13/10 08:04	05/14/10 15:10
3511579006	MW-17	Water	05/13/10 09:18	05/14/10 15:10
3511579007	MW-18	Water	05/12/10 10:55	05/14/10 15:10
3511579008	MW-19	Water	05/12/10 13:15	05/14/10 15:10
3511579009	MW-20	Water	05/12/10 14:57	05/14/10 15:10
3511579010	MW-15 field duplicate	Water	05/12/10 16:50	05/14/10 15:10
3511579011	Equip blank (05/12/10)	Water	05/12/10 08:00	05/14/10 15:10
3511579012	MW-1R	Water	05/11/10 11:55	05/14/10 15:10
3511579013	MW-10 (Replaced by MW-10R, Sam	Water	05/11/10 14:08	05/14/10 15:10
3511579014	CW-9	Water	05/11/10 10:26	05/14/10 15:10
3511579015	CW-10R	Water	05/11/10 16:13	05/14/10 15:10
3511579016	CW-9 field dupllicate	Water	05/11/10 08:00	05/14/10 15:10
3511579017	Field Blank 05/11/10	Water	05/11/10 08:00	05/14/10 15:10
3511579018	Trip blank (05/12/10)	Water	05/12/10 08:00	05/14/10 15:10

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3511579001	CW-8A		JJV	4	PASI-O
		EPA 6010	TAP	1	PASI-O
		EPA 6020	DRS	1	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579002	MW-8A		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579003	MW-9		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579004	MW-15		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	19	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579005	MW-16		JJV	5	PASI-O

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579006	MW-17		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	19	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579007	MW-18		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579008	MW-19		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	19	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579009	MW-20		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579010	MW-15 field duplicate		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579011	Equip blank (05/12/10)	EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	EAO	7	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3511579012	MW-1R		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579013	MW-10 (Replaced by MW-10R, Sam		JJV	5	PASI-O
		EPA 8011	MMD	2	PASI-O
		EPA 6010	TAP	18	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	JBH	49	PASI-O
		SM 2320B	MBS	3	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 300.0	HEM	2	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579014	CW-9		JJV	4	PASI-O
		EPA 6010	TAP	1	PASI-O
		EPA 6020	DRS	1	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579015	CW-10R		JJV	4	PASI-O
		EPA 6010	TAP	1	PASI-O
		EPA 6020	DRS	1	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579016	CW-9 field dupllicate		JJV	4	PASI-O
		EPA 6010	TAP	1	PASI-O
		EPA 6020	DRS	1	PASI-O
		SM 2540C	JLH	1	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579017	Field Blank 05/11/10	EPA 6010	TAP	1	PASI-O
		EPA 6020	DRS	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C	JLH	1	PASI-O
		EPA 350.1	AMD	1	PASI-O
3511579018	**Trip blank (05/12/10)**	EPA 8260	JBH	49	PASI-O

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method:
Description: Field Data
Client: Sarasota County
Date: June 17, 2010

General Information:
15 samples were analyzed for . All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 8011**
Description: 8011 GCS EDB and DBCP
Client: Sarasota County
Date: June 17, 2010

General Information:
12 samples were analyzed for EPA 8011. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 8011 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 6010**
Description: 6010 MET ICP
Client: Sarasota County
Date: June 17, 2010

General Information:
17 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MPRP/2284

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- MW-15 (Lab ID: 3511579004)
  - Magnesium
- MW-15 field duplicate (Lab ID: 3511579010)
  - Magnesium

D4: Sample was diluted due to the presence of high levels of target analytes.
- MW-15 (Lab ID: 3511579004)
  - Calcium
- MW-15 field duplicate (Lab ID: 3511579010)
  - Calcium

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 6020**
Description: 6020 MET ICPMS
Client: Sarasota County
Date: June 17, 2010

General Information:
17 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 7470**
Description: 7470 Mercury
Client: Sarasota County
Date: June 17, 2010

General Information:
12 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 8270**
Description: 8270 MSSV Semivolatile Organic
Client: Sarasota County
Date: June 17, 2010

General Information:
7 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/2369

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3511626001

J(M0): Estimated Value. Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 74635)
  - bis(2-Ethylhexyl)phthalate
- MSD (Lab ID: 74636)
  - bis(2-Ethylhexyl)phthalate

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 8260**
Description: 8260 MSV
Client: Sarasota County
Date: June 17, 2010

General Information:
13 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: MSV/1719

J(CC): Estimated Value. The continuing calibration for this compound is outside of method control limits. The result is estimated.

- LCS (Lab ID: 76103)
  - 1,1-Dichloroethene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

QC Batch: MSV/1718

J(IS): Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.

- MW-15 (Lab ID: 3511579004)
  - 4-Bromofluorobenzene (S)

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/1696

J(S0): Estimated Value. Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 73316)
  - 4-Bromofluorobenzene (S)

QC Batch: MSV/1718

J(S0): Estimated Value. Surrogate recovery outside laboratory control limits.

- MW-15 (Lab ID: 3511579004)
  - Toluene-d8 (S)
- MW-18 (Lab ID: 3511579007)
  - Dibromofluoromethane (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 8260**
Description: 8260 MSV
Client: Sarasota County
Date: June 17, 2010

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/1696

J(L0): Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 73315)
  - Trichlorofluoromethane
  - trans-1,2-Dichloroethene

QC Batch: MSV/1716

J(L0): Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 75672)
  - 1,4-Dichlorobenzene

QC Batch: MSV/1718

J(L0): Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 75931)
  - 1,2-Dichlorobenzene
  - 1,4-Dichlorobenzene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/1696

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3511579002

J(M0): Estimated Value. Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 73316)
  - 1,1-Dichloroethene
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MSD (Lab ID: 73317)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride

QC Batch: MSV/1719

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3511677008

J(M0): Estimated Value. Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 76106)
  - 1,1-Dichloroethene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 8260**
Description: 8260 MSV
Client: Sarasota County
Date: June 17, 2010

Additional Comments:

Analyte Comments:

QC Batch: MSV/1716

1p: The recovery for the LCS was outside method guidance criteria (low) bias. However, the NELAC standards consider the batch in control with up to 4 analytes exceeding the recommended control limits for methods with 71 to 90 analytes in the list.

- LCS (Lab ID: 75672)
  - 1,4-Dichlorobenzene

QC Batch: MSV/1718

1p: The recovery for the LCS was outside method guidance criteria (low) bias. However, the NELAC standards consider the batch in control with up to 4 analytes exceeding the recommended control limits for methods with 71 to 90 analytes in the list.

- LCS (Lab ID: 75931)
  - 1,2-Dichlorobenzene
  - 1,4-Dichlorobenzene

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **SM 2320B**
Description: 2320B Alkalinity
Client: Sarasota County
Date: June 17, 2010

General Information:
12 samples were analyzed for SM 2320B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: Sarasota County
Date: June 17, 2010

General Information:
17 samples were analyzed for SM 2540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days
Client: Sarasota County
Date: June 17, 2010

General Information:
12 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4546

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3511539017,3511618007

J(M0): Estimated Value. Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 76574)
  - Sulfate
- MS (Lab ID: 76576)
  - Sulfate
- MSD (Lab ID: 76575)
  - Sulfate
- MSD (Lab ID: 76577)
  - Sulfate

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Method: **EPA 350.1**
Description: 350.1 Ammonia
Client: Sarasota County
Date: June 17, 2010

General Information:
17 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4403

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3511579016

J(M0): Estimated Value. Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 73741)
  - Nitrogen, Ammonia

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: CW-8A **Lab ID: 3511579001** Collected: 05/10/10 14:38 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.98**	Std. Units			1		05/10/10 14:38		
Field Temperature	**24.2**	deg C			1		05/10/10 14:38		
Field Specific Conductance	**906**	umhos/cm			1		05/10/10 14:38		
Oxygen, Dissolved	**0.089**	mg/L			1		05/10/10 14:38	7782-44-7	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Iron	**44400**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 21:44	7439-89-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Arsenic	**33.7**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 13:58	7440-38-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**680**	mg/L	10.0	10.0	1		05/17/10 11:54		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**6.7**	mg/L	0.050	0.020	1		05/17/10 12:57	7664-41-7	

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REVISED 6/17/10

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-8A **Lab ID: 3511579002** Collected: 05/10/10 12:56 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.23**	Std. Units			1		05/10/10 12:56		
Field Temperature	**26.8**	deg C			1		05/10/10 12:56		
Field Specific Conductance	**1387**	umhos/cm			1		05/10/10 12:56		
Oxygen, Dissolved	**0.12**	mg/L			1		05/10/10 12:56	7782-44-7	
Turbidity	**2.7**	NTU			1		05/10/10 12:56		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011		Preparation Method: EPA 8011						
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/17/10 17:30	05/18/10 03:38	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/17/10 17:30	05/18/10 03:38	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Arsenic	**43.7**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:48	7440-38-2	
Barium	**59.7**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:48	7440-43-9	
Calcium	**201**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 21:48	7440-70-2	
Chromium	**5.6**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:48	7440-47-3	
Cobalt	**5.9 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:23	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:48	7440-50-8	
Iron	**60300**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 21:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:48	7439-92-1	
Magnesium	**70.7**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 21:48	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:48	7440-02-0	
Potassium	**4.9**	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:23	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 21:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:48	7440-22-4	
Sodium	**74.1**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:48	7440-23-5	
Vanadium	**5.8 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:48	7440-62-2	
Zinc	**18.1 I**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 21:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020		Preparation Method: EPA 3010						
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:12	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:12	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:03	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/14/10 17:51	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	74-83-9	J(M0)

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-8A **Lab ID: 3511579002** Collected: 05/10/10 12:56 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-00-3	J(M0)
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/14/10 17:51	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/14/10 17:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-35-4	J(M0)
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	156-60-5	J(L2)
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/14/10 17:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/14/10 17:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/14/10 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/14/10 17:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	127-18-4	
Toluene	**0.68 I**	ug/L	1.0	0.50	1		05/14/10 17:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-69-4	J(L1), J(M0)
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/14/10 17:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/14/10 17:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	75-01-4	J(M0)
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:51	1330-20-7	
4-Bromofluorobenzene (S)	113	%	70-114		1		05/14/10 17:51	460-00-4	
Dibromofluoromethane (S)	104	%	88-117		1		05/14/10 17:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		05/14/10 17:51	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/14/10 17:51	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**869**	mg/L	5.0	5.0	1		05/19/10 12:13		

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-9 **Lab ID: 3511579003** Collected: 05/10/10 16:22 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.43**	Std. Units			1		05/10/10 16:22		
Field Temperature	**26.0**	deg C			1		05/10/10 16:22		
Field Specific Conductance	**1382**	umhos/cm			1		05/10/10 16:22		
Oxygen, Dissolved	**0.20**	mg/L			1		05/10/10 16:22	7782-44-7	
Turbidity	**2.4**	NTU			1		05/10/10 16:22		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	05/17/10 17:30	05/18/10 04:35	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/17/10 17:30	05/18/10 04:35	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**35.0**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:59	7440-38-2	
Barium	**96.5**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:59	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:59	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:59	7440-43-9	
Calcium	**292**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 21:59	7440-70-2	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:59	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:34	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:59	7440-50-8	
Iron	**39100**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 21:59	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:59	7439-92-1	
Magnesium	**46.3**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 21:59	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:59	7440-02-0	
Potassium	**6.6**	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:34	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 21:59	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 21:59	7440-22-4	
Sodium	**41.3**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 21:59	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 21:59	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 21:59	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:32	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/14/10 17:28	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	74-83-9	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-8A **Lab ID: 3511579002** Collected: 05/10/10 12:56 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 12:13		
Alkalinity, Total as CaCO3	**869**	mg/L	5.0	5.0	1		05/19/10 12:13		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**982**	mg/L	10.0	10.0	1		05/17/10 11:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**38.9 I**	mg/L	50.0	25.0	10		05/24/10 15:43	16887-00-6	
Sulfate	**25.0U**	mg/L	50.0	25.0	10		05/24/10 15:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**12.5**	mg/L	0.050	0.020	1		05/17/10 12:58	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-9 **Lab ID: 3511579003** Collected: 05/10/10 16:22 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/14/10 17:28	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/14/10 17:28	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	156-60-5	J(L2)
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/14/10 17:28	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/14/10 17:28	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/14/10 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/14/10 17:28	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/14/10 17:28	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-69-4	J(L1)
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/14/10 17:28	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/14/10 17:28	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/14/10 17:28	1330-20-7	
4-Bromofluorobenzene (S)	109	%	70-114		1		05/14/10 17:28	460-00-4	
Dibromofluoromethane (S)	106	%	88-117		1		05/14/10 17:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		05/14/10 17:28	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/14/10 17:28	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**909**	mg/L	5.0	5.0	1		05/19/10 12:30		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 12:30		

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-9 **Lab ID: 3511579003** Collected: 05/10/10 16:22 Received: 05/13/10 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**909**	mg/L	5.0	5.0	1		05/19/10 12:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1020**	mg/L	10.0	10.0	1		05/17/10 11:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.7 I**	mg/L	5.0	2.5	1		05/24/10 17:20	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/10 17:20	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**13.7**	mg/L	0.050	0.020	1		05/17/10 13:00	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 **Lab ID: 3511579004** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.34**	Std. Units			1		05/12/10 16:50		
Field Temperature	**24.3**	deg C			1		05/12/10 16:50		
Field Specific Conductance	**3790**	umhos/cm			1		05/12/10 16:50		
Oxygen, Dissolved	**0.743**	mg/L			1		05/12/10 16:50	7782-44-7	
Turbidity	**1.2**	NTU			1		05/12/10 16:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011		Preparation Method: EPA 8011						
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	05/17/10 17:30	05/18/10 08:54	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/17/10 17:30	05/18/10 08:54	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Arsenic	**47.3**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:03	7440-38-2	
Barium	**228**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:03	7440-43-9	
Calcium	**790**	mg/L	2.5	1.2	5	05/19/10 10:30	06/01/10 16:49	7440-70-2	D4
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:03	7440-47-3	
Cobalt	**19.3**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:38	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:03	7440-50-8	
Iron	**46900**	ug/L	40.0	20.0	1	05/19/10 10:30	05/28/10 21:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:03	7439-92-1	
Magnesium	**166**	mg/L	2.5	1.2	5	05/19/10 10:30	06/01/10 16:49	7439-95-4	D3
Manganese	**1010**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:03	7439-96-5	
Nickel	**8.0**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:03	7440-02-0	
Potassium	**25.2**	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:38	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:03	7440-22-4	
Sodium	**69.9**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:03	7440-23-5	
Vanadium	**7.9 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:03	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020		Preparation Method: EPA 3010						
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:46	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:46	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:09	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270		Preparation Method: EPA 3510						
bis(2-Ethylhexyl)phthalate	**0.77U**	ug/L	4.8	0.77	1	05/19/10 14:57	05/22/10 03:11	117-81-7	
Nitrobenzene-d5 (S)	55	%	10-110		1	05/19/10 14:57	05/22/10 03:11	4165-60-0	
2-Fluorobiphenyl (S)	57	%	18-110		1	05/19/10 14:57	05/22/10 03:11	321-60-8	
Terphenyl-d14 (S)	73	%	10-123		1	05/19/10 14:57	05/22/10 03:11	1718-51-0	
Phenol-d6 (S)	43	%	10-110		1	05/19/10 14:57	05/22/10 03:11	13127-88-3	
2-Fluorophenol (S)	43	%	18-110		1	05/19/10 14:57	05/22/10 03:11	367-12-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 **Lab ID: 3511579004** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
2,4,6-Tribromophenol (S)	75	%	10-110		1	05/19/10 14:57	05/22/10 03:11	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**8.3** I	ug/L	10.0	5.0	1		05/21/10 21:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:31	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 21:31	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:31	78-93-3	
Carbon disulfide	**0.90** I	ug/L	1.0	0.50	1		05/21/10 21:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 21:31	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 21:31	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	95-50-1	J(L2)
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 21:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 21:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 21:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 21:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/21/10 21:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 21:31	108-05-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 **Lab ID: 3511579004** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:31	1330-20-7	
4-Bromofluorobenzene (S)	75	%	70-114		1		05/21/10 21:31	460-00-4	J(IS)
Dibromofluoromethane (S)	101	%	88-117		1		05/21/10 21:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	122	%	86-125		1		05/21/10 21:31	17060-07-0	
Toluene-d8 (S)	119	%	87-113		1		05/21/10 21:31	2037-26-5	J(S0)
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**7680**	mg/L	25.0	25.0	5		05/19/10 12:55		
Alkalinity, Carbonate (CaCO3)	**25.0U**	mg/L	25.0	25.0	5		05/19/10 12:55		
Alkalinity, Total as CaCO3	**7680**	mg/L	25.0	25.0	5		05/19/10 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**3540**	mg/L	20.0	20.0	1		05/19/10 09:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**132**	mg/L	100	50.0	20		05/24/10 17:33	16887-00-6	
Sulfate	**639**	mg/L	100	50.0	20		05/24/10 17:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**4.1**	mg/L	0.050	0.020	1		05/17/10 13:01	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-16 **Lab ID: 3511579005** Collected: 05/13/10 08:04 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	6.23	Std. Units			1		05/13/10 08:04		
Field Temperature	24.0	deg C			1		05/13/10 08:04		
Field Specific Conductance	3000	umhos/cm			1		05/13/10 08:04		
Oxygen, Dissolved	0.51	mg/L			1		05/13/10 08:04	7782-44-7	
Turbidity	8.8	NTU			1		05/13/10 08:04		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	05/20/10 14:15	05/21/10 06:44	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	05/20/10 14:15	05/21/10 06:44	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	40.7	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:08	7440-38-2	
Barium	95.4	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:08	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:08	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:08	7440-43-9	
Calcium	252	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:08	7440-70-2	
Chromium	3.7 I	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:08	7440-47-3	
Cobalt	8.5 I	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:42	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:08	7440-50-8	
Iron	55900	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:08	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:08	7439-92-1	
Magnesium	91.0	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:08	7439-95-4	
Manganese	10.8	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:08	7439-96-5	
Nickel	2.5U	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:08	7440-02-0	
Potassium	7.2	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:42	7440-09-7	
Selenium	7.5U	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:08	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:08	7440-22-4	
Sodium	256	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:08	7440-23-5	
Vanadium	8.2 I	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:08	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	0.50U	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:51	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:51	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	0.10U	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:12	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Ethylhexyl)phthalate	0.78U	ug/L	4.9	0.78	1	05/19/10 14:57	05/22/10 08:31	117-81-7	
Nitrobenzene-d5 (S)	59	%	10-110		1	05/19/10 14:57	05/22/10 08:31	4165-60-0	
2-Fluorobiphenyl (S)	63	%	18-110		1	05/19/10 14:57	05/22/10 08:31	321-60-8	
Terphenyl-d14 (S)	67	%	10-123		1	05/19/10 14:57	05/22/10 08:31	1718-51-0	
Phenol-d6 (S)	26	%	10-110		1	05/19/10 14:57	05/22/10 08:31	13127-88-3	
2-Fluorophenol (S)	36	%	18-110		1	05/19/10 14:57	05/22/10 08:31	367-12-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-16 **Lab ID: 3511579005** Collected: 05/13/10 08:04 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromofluoromethane (S)	99	%	88-117		1		05/22/10 19:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	86-125		1		05/22/10 19:43	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/22/10 19:43	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**1110**	mg/L	5.0	5.0	1		05/19/10 14:07		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 14:07		
Alkalinity, Total as CaCO3	**1110**	mg/L	5.0	5.0	1		05/19/10 14:07		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1830**	mg/L	20.0	20.0	1		05/19/10 10:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**305**	mg/L	100	50.0	20		05/24/10 17:45	16887-00-6	
Sulfate	**50.0U**	mg/L	100	50.0	20		05/24/10 17:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**12.5**	mg/L	0.050	0.020	1		05/17/10 13:02	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-16 **Lab ID: 3511579005** Collected: 05/13/10 08:04 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/22/10 19:43	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	78-93-3	
Carbon disulfide	**0.57 I**	ug/L	1.0	0.50	1		05/22/10 19:43	75-15-0	V
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/22/10 19:43	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/22/10 19:43	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 19:43	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 19:43	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/22/10 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:43	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/22/10 19:43	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/22/10 19:43	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/22/10 19:43	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:43	1330-20-7	
4-Bromofluorobenzene (S)	98	%	70-114		1		05/22/10 19:43	460-00-4	

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-17 **Lab ID: 3511579006** Collected: 05/13/10 09:18 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.18**	Std. Units			1		05/13/10 09:18		
Field Temperature	**24.7**	deg C			1		05/13/10 09:18		
Field Specific Conductance	**1272**	umhos/cm			1		05/13/10 09:18		
Oxygen, Dissolved	**0.61**	mg/L			1		05/13/10 09:18	7782-44-7	
Turbidity	**7.9**	NTU			1		05/13/10 09:18		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	05/20/10 14:15	05/21/10 06:59	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/20/10 14:15	05/21/10 06:59	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	**435**	ug/L	100	50.0	1	05/19/10 10:30	05/20/10 22:11	7429-90-5	
Arsenic	**70.0**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:11	7440-38-2	
Barium	**96.4**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:11	7440-43-9	
Calcium	**219**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:11	7440-70-2	
Chromium	**3.9**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:11	7440-47-3	I
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:46	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:11	7440-50-8	
Iron	**105000**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:11	7439-92-1	
Magnesium	**16.1**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:11	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:11	7440-02-0	
Potassium	**7.2**	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:46	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:11	7440-22-4	
Sodium	**61.2**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:11	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:56	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 14:56	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/22/10 19:20	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-25-2	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-17 **Lab ID: 3511579006** Collected: 05/13/10 09:18 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	78-93-3	
Carbon disulfide	**0.61 I**	ug/L	1.0	0.50	1		05/22/10 19:20	75-15-0	V
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/22/10 19:20	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/22/10 19:20	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 19:20	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 19:20	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/22/10 19:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 19:20	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/22/10 19:20	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/22/10 19:20	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/22/10 19:20	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/22/10 19:20	1330-20-7	
4-Bromofluorobenzene (S)	99	%	70-114		1		05/22/10 19:20	460-00-4	
Dibromofluoromethane (S)	97	%	88-117		1		05/22/10 19:20	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		05/22/10 19:20	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/22/10 19:20	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**687**	mg/L	5.0	5.0	1		05/19/10 16:50		

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-17 **Lab ID: 3511579006** Collected: 05/13/10 09:18 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 16:50		
Alkalinity, Total as CaCO3	**687**	mg/L	5.0	5.0	1		05/19/10 16:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**948**	mg/L	10.0	10.0	1		05/19/10 10:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**75.9**	mg/L	50.0	25.0	10		05/24/10 17:57	16887-00-6	
Sulfate	**25.0U**	mg/L	50.0	25.0	10		05/24/10 17:57	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**25.1**	mg/L	0.25	0.10	5		05/17/10 14:18	7664-41-7	

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REVISED 6/16/10

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-18 **Lab ID: 3511579007** Collected: 05/12/10 10:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.26**	Std. Units			1		05/12/10 10:55		
Field Temperature	**23.8**	deg C			1		05/12/10 10:55		
Field Specific Conductance	**859**	umhos/cm			1		05/12/10 10:55		
Oxygen, Dissolved	**0.35**	mg/L			1		05/12/10 10:55	7782-44-7	
Turbidity	**10.6**	NTU			1		05/12/10 10:55		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.021	0.0050	1	05/17/10 17:30	05/18/10 09:08	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/17/10 17:30	05/18/10 09:08	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:17	7440-38-2	
Barium	**33.6**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:17	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:17	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:17	7440-43-9	
Calcium	**199**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:17	7440-70-2	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 21:51	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:17	7440-50-8	
Iron	**28100**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:17	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:17	7439-92-1	
Magnesium	**17.9**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:17	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:17	7440-02-0	
Potassium	**0.82 I**	mg/L	1.0	0.50	1	05/19/10 10:30	05/28/10 21:51	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:17	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:17	7440-22-4	
Sodium	**5.0**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:17	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:01	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:17	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Ethylhexyl)phthalate	**0.76U**	ug/L	4.8	0.76	1	05/19/10 14:57	05/22/10 03:40	117-81-7	
Nitrobenzene-d5 (S)	45	%	10-110		1	05/19/10 14:57	05/22/10 03:40	4165-60-0	
2-Fluorobiphenyl (S)	48	%	18-110		1	05/19/10 14:57	05/22/10 03:40	321-60-8	
Terphenyl-d14 (S)	59	%	10-123		1	05/19/10 14:57	05/22/10 03:40	1718-51-0	
Phenol-d6 (S)	22	%	10-110		1	05/19/10 14:57	05/22/10 03:40	13127-88-3	
2-Fluorophenol (S)	28	%	18-110		1	05/19/10 14:57	05/22/10 03:40	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-110		1	05/19/10 14:57	05/22/10 03:40	118-79-6	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-18 **Lab ID: 3511579007** Collected: 05/12/10 10:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 21:07	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	78-93-3	
Carbon disulfide	**0.68 I**	ug/L	1.0	0.50	1		05/21/10 21:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 21:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 21:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	95-50-1	J(L2)
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 21:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 21:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 21:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 21:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 21:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/21/10 21:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 21:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 21:07	1330-20-7	
4-Bromofluorobenzene (S)	84	%	70-114		1		05/21/10 21:07	460-00-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-18 **Lab ID: 3511579007** Collected: 05/12/10 10:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromofluoromethane (S)	81	%	88-117		1		05/21/10 21:07	1868-53-7	J(S0)
1,2-Dichloroethane-d4 (S)	113	%	86-125		1		05/21/10 21:07	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/21/10 21:07	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**554**	mg/L	5.0	5.0	1		05/19/10 17:33		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 17:33		
Alkalinity, Total as CaCO3	**554**	mg/L	5.0	5.0	1		05/19/10 17:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**605**	mg/L	5.0	5.0	1		05/19/10 09:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**25.0U**	mg/L	50.0	25.0	10		05/24/10 18:09	16887-00-6	
Sulfate	**25.0U**	mg/L	50.0	25.0	10		05/24/10 18:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.3**	mg/L	0.050	0.020	1		05/17/10 13:08	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-19 **Lab ID: 3511579008** Collected: 05/12/10 13:15 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.95**	Std. Units			1		05/12/10 13:15		
Field Temperature	**24.2**	deg C			1		05/12/10 13:15		
Field Specific Conductance	**610**	umhos/cm			1		05/12/10 13:15		
Oxygen, Dissolved	**0.577**	mg/L			1		05/12/10 13:15	7782-44-7	
Turbidity	**9.4**	NTU			1		05/12/10 13:15		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011		Preparation Method: EPA 8011						
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	05/20/10 14:15	05/21/10 01:56	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/20/10 14:15	05/21/10 01:56	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Aluminum	**2830**	ug/L	100	50.0	1	05/19/10 10:30	05/20/10 22:28	7429-90-5	
Arsenic	**42.2**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:28	7440-38-2	
Barium	**36.0**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:28	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:28	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:28	7440-43-9	
Calcium	**50.7**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:28	7440-70-2	
Chromium	**8.2**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:28	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:28	7440-50-8	
Iron	**63300**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:28	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:28	7439-92-1	
Magnesium	**18.3**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:28	7439-95-4	
Nickel	**2.5 I**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:28	7440-02-0	
Potassium	**3.8**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:28	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:28	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:28	7440-22-4	
Sodium	**23.9**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:28	7440-23-5	
Vanadium	**16.0**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:28	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:28	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020		Preparation Method: EPA 3010						
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:32	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270		Preparation Method: EPA 3510						
bis(2-Ethylhexyl)phthalate	**0.77U**	ug/L	4.8	0.77	1	05/19/10 14:57	05/22/10 04:09	117-81-7	
Nitrobenzene-d5 (S)	32	%	10-110		1	05/19/10 14:57	05/22/10 04:09	4165-60-0	
2-Fluorobiphenyl (S)	33	%	18-110		1	05/19/10 14:57	05/22/10 04:09	321-60-8	
Terphenyl-d14 (S)	39	%	10-123		1	05/19/10 14:57	05/22/10 04:09	1718-51-0	
Phenol-d6 (S)	15	%	10-110		1	05/19/10 14:57	05/22/10 04:09	13127-88-3	
2-Fluorophenol (S)	21	%	18-110		1	05/19/10 14:57	05/22/10 04:09	367-12-4	

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-19 **Lab ID: 3511579008** Collected: 05/12/10 13:15 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
2,4,6-Tribromophenol (S)	39	%	10-110		1	05/19/10 14:57	05/22/10 04:09	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/10 22:15	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/10 22:15	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/10 22:15	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/10 22:15	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/10 22:15	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/10 22:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:15	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/25/10 22:15	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/25/10 22:15	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/10 22:15	108-05-4	

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-19 **Lab ID: 3511579008** Collected: 05/12/10 13:15 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:15	1330-20-7	
4-Bromofluorobenzene (S)	97	%	70-114		1		05/25/10 22:15	460-00-4	
Dibromofluoromethane (S)	104	%	88-117		1		05/25/10 22:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/25/10 22:15	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/25/10 22:15	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**299**	mg/L	5.0	5.0	1		05/19/10 17:40		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 17:40		
Alkalinity, Total as CaCO3	**299**	mg/L	5.0	5.0	1		05/19/10 17:40		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**461**	mg/L	5.0	5.0	1		05/19/10 09:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**12.2**	mg/L	10.0	5.0	2		05/24/10 18:21	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		05/24/10 18:21	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**22.4**	mg/L	0.25	0.10	5		05/17/10 14:16	7664-41-7	

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REVISED 6/15/2010

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-20 **Lab ID: 3511579009** Collected: 05/12/10 14:57 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.48**	Std. Units			1		05/12/10 14:57		
Field Temperature	**24.7**	deg C			1		05/12/10 14:57		
Field Specific Conductance	**1462**	umhos/cm			1		05/12/10 14:57		
Oxygen, Dissolved	**0.48**	mg/L			1		05/12/10 14:57	7782-44-7	
Turbidity	**15.8**	NTU			1		05/12/10 14:57		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/20/10 14:15	05/21/10 02:39	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/20/10 14:15	05/21/10 02:39	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**76.7**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:32	7440-38-2	
Barium	**165**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:32	7440-39-3	
Beryllium	**1.1**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:32	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:32	7440-43-9	
Calcium	**250**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:32	7440-70-2	
Chromium	**60.9**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:32	7440-47-3	
Cobalt	**9.4 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:06	7440-48-4	
Copper	**2.9 I**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:32	7440-50-8	
Iron	**58200**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:32	7439-89-6	
Lead	**15.9**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:32	7439-92-1	
Magnesium	**76.2**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:32	7439-95-4	
Nickel	**14.7**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:32	7440-02-0	
Potassium	**1.8**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:32	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:32	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:32	7440-22-4	
Sodium	**113**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:32	7440-23-5	
Vanadium	**65.6**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:32	7440-62-2	
Zinc	**13.4 I**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:32	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:11	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:11	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:35	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Ethylhexyl)phthalate	**0.78U**	ug/L	4.9	0.78	1	05/19/10 14:57	05/22/10 04:38	117-81-7	
Nitrobenzene-d5 (S)	58	%	10-110		1	05/19/10 14:57	05/22/10 04:38	4165-60-0	
2-Fluorobiphenyl (S)	63	%	18-110		1	05/19/10 14:57	05/22/10 04:38	321-60-8	
Terphenyl-d14 (S)	63	%	10-123		1	05/19/10 14:57	05/22/10 04:38	1718-51-0	
Phenol-d6 (S)	18	%	10-110		1	05/19/10 14:57	05/22/10 04:38	13127-88-3	
2-Fluorophenol (S)	29	%	18-110		1	05/19/10 14:57	05/22/10 04:38	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-110		1	05/19/10 14:57	05/22/10 04:38	118-79-6	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-20 **Lab ID: 3511579009** Collected: 05/12/10 14:57 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/10 22:39	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/10 22:39	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/10 22:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/10 22:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/10 22:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/10 22:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/10 22:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/25/10 22:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/25/10 22:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/10 22:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/10 22:39	1330-20-7	
4-Bromofluorobenzene (S)	98	%	70-114		1		05/25/10 22:39	460-00-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-20 **Lab ID: 3511579009** Collected: 05/12/10 14:57 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromofluoromethane (S)	104	%	88-117		1		05/25/10 22:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/25/10 22:39	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/25/10 22:39	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**859**	mg/L	5.0	5.0	1		05/19/10 17:57		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 17:57		
Alkalinity, Total as CaCO3	**859**	mg/L	5.0	5.0	1		05/19/10 17:57		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1180**	mg/L	10.0	10.0	1		05/19/10 09:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**95.2**	mg/L	50.0	25.0	10		05/24/10 18:33	16887-00-6	
Sulfate	**25.0U**	mg/L	50.0	25.0	10		05/24/10 18:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**3.2**	mg/L	0.050	0.020	1		05/17/10 13:11	7664-41-7	

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Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 field duplicate **Lab ID: 3511579010** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.34**	Std. Units			1		05/12/10 16:50		
Field Temperature	**24.3**	deg C			1		05/12/10 16:50		
Field Specific Conductance	**3790**	umhos/cm			1		05/12/10 16:50		
Oxygen, Dissolved	**0.743**	mg/L			1		05/12/10 16:50	7782-44-7	
Turbidity	**1.2**	NTU			1		05/12/10 16:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011		Preparation Method: EPA 8011						
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	05/20/10 14:15	05/21/10 02:53	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/20/10 14:15	05/21/10 02:53	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Arsenic	**47.6**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:35	7440-38-2	
Barium	**230**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:35	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:35	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:35	7440-43-9	
Calcium	**780**	mg/L	2.5	1.2	5	05/19/10 10:30	06/01/10 16:53	7440-70-2	D4
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:35	7440-47-3	
Cobalt	**18.6**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:10	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:35	7440-50-8	
Iron	**48000**	ug/L	40.0	20.0	1	05/19/10 10:30	05/28/10 22:10	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:35	7439-92-1	
Magnesium	**166**	mg/L	2.5	1.2	5	05/19/10 10:30	06/01/10 16:53	7439-95-4	D3
Nickel	**7.2**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:35	7440-02-0	
Potassium	**22.9**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:35	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:35	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:35	7440-22-4	
Sodium	**71.1**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:35	7440-23-5	
Vanadium	**8.0 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:35	7440-62-2	
Zinc	**11.3 I**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:35	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020		Preparation Method: EPA 3010						
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:38	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270		Preparation Method: EPA 3510						
bis(2-Ethylhexyl)phthalate	**0.78U**	ug/L	4.9	0.78	1	05/19/10 14:57	05/22/10 05:07	117-81-7	
Nitrobenzene-d5 (S)	56	%	10-110		1	05/19/10 14:57	05/22/10 05:07	4165-60-0	
2-Fluorobiphenyl (S)	62	%	18-110		1	05/19/10 14:57	05/22/10 05:07	321-60-8	
Terphenyl-d14 (S)	65	%	10-123		1	05/19/10 14:57	05/22/10 05:07	1718-51-0	
Phenol-d6 (S)	35	%	10-110		1	05/19/10 14:57	05/22/10 05:07	13127-88-3	
2-Fluorophenol (S)	34	%	18-110		1	05/19/10 14:57	05/22/10 05:07	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-110		1	05/19/10 14:57	05/22/10 05:07	118-79-6	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 field duplicate **Lab ID: 3511579010** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 22:19	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	78-93-3	
Carbon disulfide	**0.55 I**	ug/L	1.0	0.50	1		05/21/10 22:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 22:19	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 22:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	95-50-1	J(L2)
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 22:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 22:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 22:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 22:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 22:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/21/10 22:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 22:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 22:19	1330-20-7	
4-Bromofluorobenzene (S)	91	%	70-114		1		05/21/10 22:19	460-00-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Equip blank (05/12/10) **Lab ID: 3511579011** Collected: 05/12/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.019	0.0048	1	05/20/10 14:15	05/21/10 03:08	96-12-8	
1,2-Dibromoethane (EDB)	**0.0060U**	ug/L	0.0097	0.0060	1	05/20/10 14:15	05/21/10 03:08	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:40	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:40	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:40	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:40	7440-43-9	
Calcium	**0.25U**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:40	7440-70-2	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:40	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:15	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:40	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:40	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:40	7439-92-1	
Magnesium	**0.25U**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:40	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:40	7440-02-0	
Potassium	**0.50U**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:40	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:40	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:40	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:40	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:40	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:40	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:20	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:20	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:40	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Ethylhexyl)phthalate	**0.77U**	ug/L	4.8	0.77	1	05/19/10 14:57	05/22/10 05:36	117-81-7	
Nitrobenzene-d5 (S)	43	%	10-110		1	05/19/10 14:57	05/22/10 05:36	4165-60-0	
2-Fluorobiphenyl (S)	39	%	18-110		1	05/19/10 14:57	05/22/10 05:36	321-60-8	
Terphenyl-d14 (S)	64	%	10-123		1	05/19/10 14:57	05/22/10 05:36	1718-51-0	
Phenol-d6 (S)	18	%	10-110		1	05/19/10 14:57	05/22/10 05:36	13127-88-3	
2-Fluorophenol (S)	25	%	18-110		1	05/19/10 14:57	05/22/10 05:36	367-12-4	
2,4,6-Tribromophenol (S)	53	%	10-110		1	05/19/10 14:57	05/22/10 05:36	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 19:32	75-27-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-15 field duplicate **Lab ID: 3511579010** Collected: 05/12/10 16:50 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromofluoromethane (S)	107	%	88-117		1		05/21/10 22:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	86-125		1		05/21/10 22:19	17060-07-0	
Toluene-d8 (S)	93	%	87-113		1		05/21/10 22:19	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**8500**	mg/L	1.0	1.0	5		05/20/10 13:12		
Alkalinity, Carbonate (CaCO3)	**25 U**	mg/L	1.0	1.0	5		05/20/10 13:12		
Alkalinity, Total as CaCO3	**8500**	mg/L	1.0	1.0	5		05/20/10 13:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**3110**	mg/L	20.0	20.0	1		05/19/10 09:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**98.9 I**	mg/L	100	50.0	20		05/24/10 18:46	16887-00-6	
Sulfate	**474**	mg/L	100	50.0	20		05/24/10 18:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**4.0**	mg/L	0.050	0.020	1		05/17/10 13:12	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Equip blank (05/12/10) **Lab ID: 3511579011** Collected: 05/12/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	78-93-3	
Carbon disulfide	**0.58 I**	ug/L	1.0	0.50	1		05/21/10 19:32	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 19:32	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 19:32	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	95-50-1	J(L2)
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 19:32	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 19:32	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 19:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:32	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 19:32	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/21/10 19:32	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 19:32	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:32	1330-20-7	
4-Bromofluorobenzene (S)	91	%	70-114		1		05/21/10 19:32	460-00-4	
Dibromofluoromethane (S)	107	%	88-117		1		05/21/10 19:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	118	%	86-125		1		05/21/10 19:32	17060-07-0	
Toluene-d8 (S)	95	%	87-113		1		05/21/10 19:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Equip blank (05/12/10) **Lab ID: 3511579011** Collected: 05/12/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 18:29		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 18:29		
Alkalinity, Total as CaCO3	**5.0U**	mg/L	5.0	5.0	1		05/19/10 18:29		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/19/10 09:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/24/10 18:58	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/10 18:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/17/10 13:13	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-1R **Lab ID: 3511579012** Collected: 05/11/10 11:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 20:10	78-93-3	
Carbon disulfide	**0.54 I**	ug/L	1.0	0.50	1		05/21/10 20:10	75-15-0	V
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 20:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 20:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0 NE	1		05/21/10 20:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 20:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 20:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 20:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50 NE	1		05/21/10 20:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 20:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 20:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 20:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-69-4	
1,2,3-Trichloropropane PQL 0.2 OK	**0.36U**	ug/L	0.50	0.36 0.021	1		05/21/10 20:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 20:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	1330-20-7	
4-Bromofluorobenzene (S)	98	%	70-114		1		05/21/10 20:10	460-00-4	
Dibromofluoromethane (S)	96	%	88-117		1		05/21/10 20:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	86-125		1		05/21/10 20:10	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/21/10 20:10	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**233**	mg/L	5.0	5.0	1		05/19/10 18:36		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 18:36		

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-1R **Lab ID: 3511579012** Collected: 05/11/10 11:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.74**	Std. Units			1		05/11/10 11:55		
Field Temperature	**25.0**	deg C			1		05/11/10 11:55		
Field Specific Conductance	**520**	umhos/cm			1		05/11/10 11:55		
Oxygen, Dissolved	**0.16**	mg/L			1		05/11/10 11:55	7782-44-7	
Turbidity	**6.8**	NTU			1		05/11/10 11:55		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/17/10 17:30	05/18/10 06:59	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/17/10 17:30	05/18/10 06:59	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:44	7440-38-2	
Barium	**28.1**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:44	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:44	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:44	7440-43-9	
Calcium	**83.6**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:44	7440-70-2	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:44	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:19	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:44	7440-50-8	
Iron	**4120**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:44	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:44	7439-92-1	
Magnesium	**15.8**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:44	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:44	7440-02-0	
Potassium	**3.7**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:44	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:44	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:44	7440-22-4	
Sodium	**22.1**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:44	7440-23-5	
Vanadium	**7.3 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:44	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:44	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 20:10	67-64-1	
Acrylonitrile PQL @ 20 OK	**5.0U**	ug/L	10.0	5.0	1		05/21/10 20:10	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 20:10	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 20:10	74-83-9	

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REVISED

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-1R **Lab ID: 3511579012** Collected: 05/11/10 11:55 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**233**	mg/L	5.0	5.0	1		05/19/10 18:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**381**	mg/L	5.0	5.0	1		05/17/10 11:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**23.6**	mg/L	10.0	5.0	2		05/24/10 19:34	16887-00-6	
Sulfate	**9.8**	I mg/L	10.0	5.0	2		05/24/10 19:34	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.066**	mg/L	0.050	0.020	1		05/17/10 13:15	7664-41-7	

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REVISED 6/4/10

ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-10 (Replaced by MW-10R, Sam **Lab ID: 3511579013** Collected: 05/11/10 14:08 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.25**	Std. Units			1		05/11/10 14:08		
Field Temperature	**24.4**	deg C			1		05/11/10 14:08		
Field Specific Conductance	**1502**	umhos/cm			1		05/11/10 14:08		
Oxygen, Dissolved	**0.099**	mg/L			1		05/11/10 14:08	7782-44-7	
Turbidity	**3.1**	NTU			1		05/11/10 14:08		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	05/17/10 17:30	05/18/10 07:13	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/17/10 17:30	05/18/10 07:13	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**10.1**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:48	7440-38-2	
Barium	**62.5**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:48	7440-43-9	
Calcium	**184**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:48	7440-70-2	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:48	7440-47-3	
Cobalt	**5.1 I**	ug/L	10.0	5.0	1	05/19/10 10:30	05/28/10 22:22	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:48	7440-50-8	
Iron	**55700**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:48	7439-92-1	
Magnesium	**49.4**	mg/L	0.50	0.25	1	05/19/10 10:30	05/20/10 22:48	7439-95-4	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:48	7440-02-0	
Potassium	**1.8**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:48	7440-09-7	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/19/10 10:30	05/20/10 22:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:48	7440-22-4	
Sodium	**81.7**	mg/L	1.0	0.50	1	05/19/10 10:30	05/20/10 22:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/19/10 10:30	05/20/10 22:48	7440-62-2	
Zinc	**13.3 I**	ug/L	20.0	10.0	1	05/19/10 10:30	05/20/10 22:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:30	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:30	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/18/10 09:50	05/20/10 11:46	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/21/10 19:46	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-25-2	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-10 (Replaced by MW-10R, Sam **Lab ID: 3511579013** Collected: 05/11/10 14:08 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/21/10 19:46	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/21/10 19:46	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	106-46-7	J(L2)
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 19:46	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/21/10 19:46	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/21/10 19:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/21/10 19:46	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/21/10 19:46	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/21/10 19:46	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/21/10 19:46	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/21/10 19:46	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-114		1		05/21/10 19:46	460-00-4	
Dibromofluoromethane (S)	98	%	88-117		1		05/21/10 19:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		05/21/10 19:46	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/21/10 19:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: MW-10 (Replaced by MW-10R, Sam **Lab ID: 3511579013** Collected: 05/11/10 14:08 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity,Bicarbonate (CaCO3)	**707**	mg/L	5.0	5.0	1		05/19/10 18:50		
Alkalinity, Carbonate (CaCO3)	**5.0U**	mg/L	5.0	5.0	1		05/19/10 18:50		
Alkalinity, Total as CaCO3	**707**	mg/L	5.0	5.0	1		05/19/10 18:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**858**	mg/L	10.0	10.0	1		05/17/10 11:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**65.9**	mg/L	50.0	25.0	10		05/24/10 19:46	16887-00-6	
Sulfate	**25.0U**	mg/L	50.0	25.0	10		05/24/10 19:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**7.1**	mg/L	0.050	0.020	1		05/17/10 13:16	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: CW-10R **Lab ID: 3511579015** Collected: 05/11/10 16:13 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.18**	Std. Units			1		05/11/10 16:13		
Field Temperature	**22.9**	deg C			1		05/11/10 16:13		
Field Specific Conductance	**2540**	umhos/cm			1		05/11/10 16:13		
Oxygen, Dissolved	**0.137**	mg/L			1		05/11/10 16:13	7782-44-7	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Iron	**2030**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:55	7439-89-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Arsenic	**6.1**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:49	7440-38-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**2040**	mg/L	20.0	20.0	1		05/17/10 11:58		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**2.0**	mg/L	0.050	0.020	1		05/17/10 13:19	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: CW-9 **Lab ID: 3511579014** Collected: 05/11/10 10:26 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.39**	Std. Units			1		05/11/10 10:26		
Field Temperature	**23.0**	deg C			1		05/11/10 10:26		
Field Specific Conductance	**1242**	umhos/cm			1		05/11/10 10:26		
Oxygen, Dissolved	**0.17**	mg/L			1		05/11/10 10:26	7782-44-7	
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Iron	**28000**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:51	7439-89-6	
6020 MET ICPMS	Analytical Method: EPA 6020		Preparation Method: EPA 3010						
Arsenic	**55.1**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:44	7440-38-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**802**	mg/L	10.0	10.0	1		05/17/10 11:58		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**10.2**	mg/L	0.050	0.020	1		05/17/10 13:17	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: CW-9 field dupllicate **Lab ID: 3511579016** Collected: 05/11/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.39**	Std. Units			1		05/11/10 10:26		
Field Temperature	**23.0**	deg C			1		05/11/10 10:26		
Field Specific Conductance	**1242**	umhos/cm			1		05/11/10 10:26		
Oxygen, Dissolved	**0.17**	mg/L			1		05/11/10 10:26	7782-44-7	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Iron	**29100**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 22:59	7439-89-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Arsenic	**56.9**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:54	7440-38-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**796**	mg/L	10.0	10.0	1		05/17/10 11:58		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**10.1**	mg/L	0.050	0.020	1		05/17/10 13:26	7664-41-7	J(M0)

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Field Blank 05/11/10 **Lab ID: 3511579017** Collected: 05/11/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Iron	**20.0U**	ug/L	40.0	20.0	1	05/19/10 10:30	05/20/10 23:03	7439-89-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Arsenic	**0.50U**	ug/L	1.0	0.50	1	05/19/10 10:30	05/21/10 15:59	7440-38-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/17/10 11:59		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/17/10 13:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Trip blank (05/12/10) **Lab ID: 3511579018** Collected: 05/12/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	107-13-1	
Benzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/22/10 12:43	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	78-93-3	
Carbon disulfide	**0.60 I**	ug/L	1.0	0.50	1		05/22/10 12:43	75-15-0	V
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/22/10 12:43	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/22/10 12:43	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 12:43	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/22/10 12:43	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/22/10 12:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/22/10 12:43	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		05/22/10 12:43	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	127-18-4	
Toluene	**0.97 I**	ug/L	1.0	0.50	1		05/22/10 12:43	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		05/22/10 12:43	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/22/10 12:43	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/22/10 12:43	1330-20-7	
4-Bromofluorobenzene (S)	100	%	70-114		1		05/22/10 12:43	460-00-4	

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

Sample: Trip blank (05/12/10) **Lab ID: 3511579018** Collected: 05/12/10 08:00 Received: 05/14/10 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromofluoromethane (S)	97	%	88-117		1		05/22/10 12:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		05/22/10 12:43	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		05/22/10 12:43	2037-26-5	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: OEXT/2358 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579007, 3511579012, 3511579013

METHOD BLANK: 73971 Matrix: Water
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579007, 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0050U	0.021	05/18/10 03:09	
1,2-Dibromoethane (EDB)	ug/L	0.0064U	0.010	05/18/10 03:09	

LABORATORY CONTROL SAMPLE: 73972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.26	0.26	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	.26	0.28	108	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73973 73974

Parameter	Units	3511579002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.42	0.48	0.46	110	110	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.42	0.54	0.52	124	122	60-140	5	40	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: OEXT/2377 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3511579005, 3511579006, 3511579008, 3511579009, 3511579010, 3511579011

METHOD BLANK: 75069 Matrix: Water
Associated Lab Samples: 3511579005, 3511579006, 3511579008, 3511579009, 3511579010, 3511579011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0051U	0.021	05/21/06 01:27	
1,2-Dibromoethane (EDB)	ug/L	0.0064U	0.010	05/21/06 01:27	

LABORATORY CONTROL SAMPLE: 75070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.26	0.27	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	.26	0.27	105	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75071 75072

Parameter	Units	3511579008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	.42	.41	0.53	0.66	126	163	60-140	22		
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.42	.41	0.51	0.57	121	140		11	40	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MPRP/2284 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012

METHOD BLANK: 74704 Matrix: Water
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013, 3511579014, 3511579015, 3511579016, 3511579017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	50.0U	100	05/20/10 21:29	
Arsenic	ug/L	5.0U	10.0	05/20/10 21:29	
Barium	ug/L	5.0U	10.0	05/20/10 21:29	
Beryllium	ug/L	0.50U	1.0	05/20/10 21:29	
Cadmium	ug/L	0.50U	1.0	05/20/10 21:29	
Calcium	mg/L	0.25U	0.50	05/20/10 21:29	
Chromium	ug/L	2.5U	5.0	05/20/10 21:29	
Cobalt	ug/L	5.0U	10.0	05/28/10 21:15	
Copper	ug/L	2.5U	5.0	05/20/10 21:29	
Iron	ug/L	20.0U	40.0	05/20/10 21:29	
Lead	ug/L	5.0U	10.0	05/20/10 21:29	
Magnesium	mg/L	0.25U	0.50	05/20/10 21:29	
Manganese	ug/L	2.5U	5.0	05/20/10 21:29	
Nickel	ug/L	2.5U	5.0	05/20/10 21:29	
Potassium	mg/L	0.50U	1.0	05/28/10 21:15	
Selenium	ug/L	7.5U	15.0	05/20/10 21:29	
Silver	ug/L	2.5U	5.0	05/20/10 21:29	
Sodium	mg/L	0.50U	1.0	05/20/10 21:29	
Vanadium	ug/L	5.0U	10.0	05/20/10 21:29	
Zinc	ug/L	10.0U	20.0	05/20/10 21:29	

LABORATORY CONTROL SAMPLE: 74705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	2500	2480	99	80-120	
Arsenic	ug/L	250	273	109	80-120	
Barium	ug/L	250	252	101	80-120	
Beryllium	ug/L	25	27.8	111	80-120	
Cadmium	ug/L	25	28.3	113	80-120	
Calcium	mg/L	12.5	13.3	106	80-120	
Chromium	ug/L	250	277	111	80-120	
Cobalt	ug/L	250	267	107	80-120	
Copper	ug/L	250	259	104	80-120	
Iron	ug/L	2500	2770	111	80-120	
Lead	ug/L	250	275	110	80-120	
Magnesium	mg/L	12.5	13.0	104	80-120	
Manganese	ug/L	250	278	111	80-120	
Nickel	ug/L	250	283	113	80-120	
Potassium	mg/L	12.5	13.5	108	80-120	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

LABORATORY CONTROL SAMPLE: 74705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Selenium	ug/L	250	268	107	80-120	
Silver	ug/L	25	26.1	104	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	274	110	80-120	
Zinc	ug/L	1250	1380	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74706 74707

Parameter	Units	3511579002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	164	2500	2500	2730	2740	103	103	75-125	.4	20	
Arsenic	ug/L	43.7	250	250	305	308	105	106	75-125	1	20	
Barium	ug/L	59.7	250	250	302	304	97	98	75-125	.7	20	
Beryllium	ug/L	0.50U	25	25	25.9	26.0	103	104	75-125	.4	20	
Cadmium	ug/L	0.50U	25	25	25.6	25.8	102	103	75-125	.8	20	
Calcium	mg/L	201	12.5	12.5	211	212	80	88	75-125	.5	20	
Chromium	ug/L	5.6	250	250	263	265	103	104	75-125	.8	20	
Cobalt	ug/L	5.9 I	250	250	256	261	100	102	75-125	2	20	
Copper	ug/L	2.5U	250	250	266	267	106	107	75-125	.4	20	
Iron	ug/L	60300	2500	2500	61800	62100	60	72	75-125	.5	20	J(P6)
Lead	ug/L	5.0U	250	250	260	260	104	104	75-125	0	20	
Magnesium	mg/L	70.7	12.5	12.5	82.7	83.2	96	100	75-125	.6	20	
Manganese	ug/L	35.8	250	250	295	297	104	104	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	265	265	105	105	75-125	0	20	
Potassium	mg/L	4.9	12.5	12.5	19.3	19.6	115	118	75-125	2	20	
Selenium	ug/L	7.5U	250	250	259	264	103	105	75-125	2	20	
Silver	ug/L	2.5U	25	25	24.7	24.9	98	98	75-125	.8	20	
Sodium	mg/L	74.1	12.5	12.5	86.6	87.1	100	104	75-125	.6	20	
Vanadium	ug/L	5.8 I	250	250	268	270	105	106	75-125	.7	20	
Zinc	ug/L	18.1 I	1250	1250	1330	1340	105	106	75-125	.7	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MPRP/2283 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013, 3511579014, 3511579015, 3511579016, 3511579017

METHOD BLANK: 74700 Matrix: Water
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013, 3511579014, 3511579015, 3511579016, 3511579017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	05/21/10 13:48	
Arsenic	ug/L	0.50U	1.0	05/21/10 13:48	
Thallium	ug/L	0.50U	1.0	05/21/10 13:48	

LABORATORY CONTROL SAMPLE: 74701

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.3	99	90-110	
Arsenic	ug/L	50	52.3	105	90-110	
Thallium	ug/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74702 74703

Parameter	Units	3511579001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	50.2	49.0	100	98	70-130	2	20	
Arsenic	ug/L	33.7	50	50	84.1	81.9	101	96	70-130	3	20	
Thallium	ug/L	0.50U	50	50	51.3	51.8	102	103	70-130	1	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MERP/1328 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013

METHOD BLANK: 74175 Matrix: Water
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/20/10 10:33	

LABORATORY CONTROL SAMPLE: 74176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74177 74178

Parameter	Units	3511579007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	2.1	2.1	107	105	85-115	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74179 74180

Parameter	Units	3511579013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	2.0	2.0	98	100	85-115	2	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: OEXT/2369 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 3511579004, 3511579005, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

METHOD BLANK: 74633 Matrix: Water
Associated Lab Samples: 3511579004, 3511579005, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	0.80U	5.0	05/22/10 00:45	
2,4,6-Tribromophenol (S)	%	59	10-110	05/22/10 00:45	
2-Fluorobiphenyl (S)	%	53	18-110	05/22/10 00:45	
2-Fluorophenol (S)	%	33	18-110	05/22/10 00:45	
Nitrobenzene-d5 (S)	%	53	10-110	05/22/10 00:45	
Phenol-d6 (S)	%	26	10-110	05/22/10 00:45	
Terphenyl-d14 (S)	%	69	10-123	05/22/10 00:45	

LABORATORY CONTROL SAMPLE: 74634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	50	44.7	89	59.1-109.3	
2,4,6-Tribromophenol (S)	%			93	10-110	
2-Fluorobiphenyl (S)	%			75	18-110	
2-Fluorophenol (S)	%			41	18-110	
Nitrobenzene-d5 (S)	%			73	10-110	
Phenol-d6 (S)	%			34	10-110	
Terphenyl-d14 (S)	%			86	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74635 74636

Parameter	Units	3511626001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
bis(2-Ethylhexyl)phthalate	ug/L	32.3	50	50	55.3	66.2	46	68	59.1-109	18	40	J(M0)
2,4,6-Tribromophenol (S)	%						43	57	10-110			
2-Fluorobiphenyl (S)	%						30	45	18-110			
2-Fluorophenol (S)	%						23	30	18-110			
Nitrobenzene-d5 (S)	%						30	45	10-110			
Phenol-d6 (S)	%						21	28	10-110			
Terphenyl-d14 (S)	%						52	58	10-123			

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MSV/1696
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 3511579002, 3511579003

METHOD BLANK: 73314
Matrix: Water
Associated Lab Samples: 3511579002, 3511579003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	0.50	05/14/10 15:28	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/14/10 15:28	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	05/14/10 15:28	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/14/10 15:28	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/14/10 15:28	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/14/10 15:28	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/14/10 15:28	
2-Hexanone	ug/L	5.0U	10.0	05/14/10 15:28	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/14/10 15:28	
Acetone	ug/L	5.0U	10.0	05/14/10 15:28	
Acrylonitrile	ug/L	5.0U	10.0	05/14/10 15:28	
Benzene	ug/L	0.50U	1.0	05/14/10 15:28	
Bromochloromethane	ug/L	0.50U	1.0	05/14/10 15:28	
Bromodichloromethane	ug/L	0.27U	0.60	05/14/10 15:28	
Bromoform	ug/L	0.50U	1.0	05/14/10 15:28	
Bromomethane	ug/L	0.50U	1.0	05/14/10 15:28	
Carbon disulfide	ug/L	0.50U	1.0	05/14/10 15:28	
Carbon tetrachloride	ug/L	0.50U	1.0	05/14/10 15:28	
Chlorobenzene	ug/L	0.50U	1.0	05/14/10 15:28	
Chloroethane	ug/L	0.50U	1.0	05/14/10 15:28	
Chloroform	ug/L	0.50U	1.0	05/14/10 15:28	
Chloromethane	ug/L	0.62U	1.0	05/14/10 15:28	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/14/10 15:28	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/14/10 15:28	
Dibromochloromethane	ug/L	0.26U	0.50	05/14/10 15:28	
Dibromomethane	ug/L	0.50U	1.0	05/14/10 15:28	
Ethylbenzene	ug/L	0.50U	1.0	05/14/10 15:28	
Iodomethane	ug/L	0.50U	1.0	05/14/10 15:28	
Methylene Chloride	ug/L	2.5U	5.0	05/14/10 15:28	
Styrene	ug/L	0.50U	1.0	05/14/10 15:28	
Tetrachloroethene	ug/L	0.50U	1.0	05/14/10 15:28	
Toluene	ug/L	0.50U	1.0	05/14/10 15:28	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/14/10 15:28	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/14/10 15:28	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/14/10 15:28	
Trichloroethene	ug/L	0.50U	1.0	05/14/10 15:28	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/14/10 15:28	
Vinyl acetate	ug/L	1.0U	2.0	05/14/10 15:28	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

METHOD BLANK: 73314 Matrix: Water

Associated Lab Samples: 3511579002, 3511579003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	05/14/10 15:28	
Xylene (Total)	ug/L	0.50U	1.0	05/14/10 15:28	
1,2-Dichloroethane-d4 (S)	%	106	86-125	05/14/10 15:28	
4-Bromofluorobenzene (S)	%	114	70-114	05/14/10 15:28	
Dibromofluoromethane (S)	%	106	88-117	05/14/10 15:28	
Toluene-d8 (S)	%	102	87-113	05/14/10 15:28	

LABORATORY CONTROL SAMPLE: 73315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.2	101	76.8-126.8	
1,1,1-Trichloroethane	ug/L	20	19.2	96	81.9-126.8	
1,1,2,2-Tetrachloroethane	ug/L	20	18.3	91	70.5-131.7	
1,1,2-Trichloroethane	ug/L	20	20.1	101	84.1-122.6	
1,1-Dichloroethane	ug/L	20	17.0	85	66.4-138.6	
1,1-Dichloroethene	ug/L	20	19.4	97	79.3-127.5	
1,2,3-Trichloropropane	ug/L	20	18.1	90	58.2-134.6	
1,2-Dichlorobenzene	ug/L	20	18.5	92	91.7-127	
1,2-Dichloroethane	ug/L	20	18.4	92	85.9-121.9	
1,2-Dichloropropane	ug/L	20	16.8	84	82.2-129.1	
1,4-Dichlorobenzene	ug/L	20	18.9	95	91.9-121.7	
2-Butanone (MEK)	ug/L	20	17.9	90	53.8-156.3	
2-Hexanone	ug/L	20	17.9	90	57.5-155.8	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.8	94	71.8-134.4	
Acetone	ug/L	20	15.3	76	47.2-184.1	
Acrylonitrile	ug/L	200	174	87	57.8-125.9	
Benzene	ug/L	20	17.5	88	77.3-132.8	
Bromochloromethane	ug/L	20	19.2	96	87.4-122.8	
Bromodichloromethane	ug/L	20	19.5	97	77.2-121.1	
Bromoform	ug/L	20	19.0	95	65.9-133.5	
Bromomethane	ug/L	20	26.2	131	48.2-223.9	
Carbon disulfide	ug/L	20	17.7	89	20.3-195.4	
Carbon tetrachloride	ug/L	20	19.2	96	69-155.5	
Chlorobenzene	ug/L	20	20.1	100	76.9-123.9	
Chloroethane	ug/L	20	27.1	136	46.7-157.8	
Chloroform	ug/L	20	18.6	93	69.7-132	
Chloromethane	ug/L	20	20.4	102	54.4-153.8	
cis-1,2-Dichloroethene	ug/L	20	17.0	85	84-127.9	
cis-1,3-Dichloropropene	ug/L	20	18.4	92	73-121.6	
Dibromochloromethane	ug/L	20	18.9	94	65.4-126.2	
Dibromomethane	ug/L	20	20.5	102	85.3-121.7	
Ethylbenzene	ug/L	20	19.3	97	66.4-134.4	
Iodomethane	ug/L	20	14.5	72	1-243.3	
Methylene Chloride	ug/L	20	17.3	87	65.7-137.3	
Styrene	ug/L	20	19.5	97	76.5-118.5	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

LABORATORY CONTROL SAMPLE: 73315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	17.9	89	71-134	
Toluene	ug/L	20	19.0	95	75-129	
trans-1,2-Dichloroethene	ug/L	20	16.3	81	83.3-126.3	J(L0)
trans-1,3-Dichloropropene	ug/L	20	17.4	87	67.6-130	
trans-1,4-Dichloro-2-butene	ug/L	20	16.7	84	36.1-177.4	
Trichloroethene	ug/L	20	19.1	95	81.1-122.4	
Trichlorofluoromethane	ug/L	20	25.6	128	75.4-124.6	J(L0)
Vinyl acetate	ug/L	20	16.7	83	72.2-139	
Vinyl chloride	ug/L	20	21.7	109	70.2-136.9	
Xylene (Total)	ug/L	60	60.1	100	82.3-126	
1,2-Dichloroethane-d4 (S)	%			97	86-125	
4-Bromofluorobenzene (S)	%			112	70-114	
Dibromofluoromethane (S)	%			105	88-117	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73316 73317

Parameter	Units	3511579002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	22.2	23.0	111	115	70-130	4	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	21.0	22.5	105	112	70-130	7	40	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	20	20	18.0	18.7	90	94	70-130	4	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	19.9	21.5	100	108	70-130	8	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	18.0	18.8	90	94	70-130	5	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	27.5	28.9	138	145	70-130	5	40	J(M0)
1,2,3-Trichloropropane	ug/L	0.36U	20	20	16.7	17.4	83	87	70-130	4	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	18.2	19.7	91	98	70-130	8	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	19.4	19.8	97	99	70-130	2	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	16.6	18.2	83	91	70-130	9	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	18.0	19.8	90	99	70-130	9	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	14.5	15.6	72	78	70-130	8	40	
2-Hexanone	ug/L	5.0U	20	20	18.7	20.8	93	104	70-130	11	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20.4	21.7	102	109	70-130	6	40	
Acetone	ug/L	5.0U	20	20	14.7	16.5	74	83	70-130	11	40	
Acrylonitrile	ug/L	5.0U	200	200	171	177	86	88	70-130	3	40	
Benzene	ug/L	0.50U	20	20	18.1	19.4	90	97	70-130	7	40	
Bromochloromethane	ug/L	0.50U	20	20	20.7	21.7	104	109	70-130	5	40	
Bromodichloromethane	ug/L	0.27U	20	20	21.0	21.7	105	109	70-130	4	40	
Bromoform	ug/L	0.50U	20	20	20.9	22.1	104	110	70-130	6	40	
Bromomethane	ug/L	0.50U	20	20	25.2	29.3	126	146	70-130	15	40	J(M0)
Carbon disulfide	ug/L	0.50U	20	20	22.4	23.0	112	115	70-130	3	40	
Carbon tetrachloride	ug/L	0.50U	20	20	22.1	23.5	110	118	70-130	7	40	
Chlorobenzene	ug/L	0.50U	20	20	20.8	22.0	104	110	70-130	5	40	
Chloroethane	ug/L	0.50U	20	20	28.8	30.9	144	155	70-130	7	40	J(M0)
Chloroform	ug/L	0.50U	20	20	19.0	20.1	95	100	70-130	6	40	
Chloromethane	ug/L	0.62U	20	20	24.8	25.5	124	127	70-130	3	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	17.4	18.4	87	92	70-130	6	40	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73316 73317

Parameter	Units	3511579002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	17.8	19.1	89	96	70-130	7	40	
Dibromochloromethane	ug/L	0.26U	20	20	20.1	21.3	100	107	70-130	6	40	
Dibromomethane	ug/L	0.50U	20	20	21.1	22.5	105	113	70-130	7	40	
Ethylbenzene	ug/L	0.50U	20	20	19.5	20.8	98	104	70-130	6	40	
Iodomethane	ug/L	0.50U	20	20	19.4	22.8	97	114	70-130	16	40	
Methylene Chloride	ug/L	2.5U	20	20	17.1	18.8	86	94	70-130	9	40	
Styrene	ug/L	0.50U	20	20	19.8	21.1	99	105	70-130	6	40	
Tetrachloroethene	ug/L	0.50U	20	20	18.0	19.2	90	96	70-130	6	40	
Toluene	ug/L	0.68 I	20	20	20.2	21.2	97	103	70-130	5	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	17.4	18.4	87	92	70-130	6	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.4	18.7	87	93	70-130	7	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	16.1	18.0	80	90	70-130	11	40	
Trichloroethene	ug/L	0.50U	20	20	20.3	21.4	102	107	70-130	5	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	30.5	30.6	152	153	70-130	.5	40	J(M0)
Vinyl acetate	ug/L	1.0U	20	20	14.7	15.4	73	77	70-130	5	40	
Vinyl chloride	ug/L	0.50U	20	20	26.9	26.4	135	132	70-130	2	40	J(M0)
Xylene (Total)	ug/L	0.50U	60	60	61.0	64.5	102	108	70-130	6	40	
1,2-Dichloroethane-d4 (S)	%						103	103	86-125			
4-Bromofluorobenzene (S)	%						116	113	70-114			J(S0)
Dibromofluoromethane (S)	%						114	111	88-117			
Toluene-d8 (S)	%						103	100	87-113			

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MSV/1716 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3511579012, 3511579013

METHOD BLANK: 75671 Matrix: Water
Associated Lab Samples: 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	0.50	05/21/10 12:20	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/21/10 12:20	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	05/21/10 12:20	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/21/10 12:20	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/21/10 12:20	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/21/10 12:20	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/21/10 12:20	
2-Hexanone	ug/L	5.0U	10.0	05/21/10 12:20	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/21/10 12:20	
Acetone	ug/L	5.0U	10.0	05/21/10 12:20	
Acrylonitrile	ug/L	5.0U	10.0	05/21/10 12:20	
Benzene	ug/L	0.50U	1.0	05/21/10 12:20	
Bromochloromethane	ug/L	0.50U	1.0	05/21/10 12:20	
Bromodichloromethane	ug/L	0.27U	0.60	05/21/10 12:20	
Bromoform	ug/L	0.50U	1.0	05/21/10 12:20	
Bromomethane	ug/L	0.50U	1.0	05/21/10 12:20	
Carbon disulfide	ug/L	0.71 I	1.0	05/21/10 12:20	
Carbon tetrachloride	ug/L	0.50U	1.0	05/21/10 12:20	
Chlorobenzene	ug/L	0.50U	1.0	05/21/10 12:20	
Chloroethane	ug/L	0.50U	1.0	05/21/10 12:20	
Chloroform	ug/L	0.50U	1.0	05/21/10 12:20	
Chloromethane	ug/L	0.62U	1.0	05/21/10 12:20	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/21/10 12:20	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/21/10 12:20	
Dibromochloromethane	ug/L	0.26U	0.50	05/21/10 12:20	
Dibromomethane	ug/L	0.50U	1.0	05/21/10 12:20	
Ethylbenzene	ug/L	0.50U	1.0	05/21/10 12:20	
Iodomethane	ug/L	0.50U	1.0	05/21/10 12:20	
Methylene Chloride	ug/L	2.5U	5.0	05/21/10 12:20	
Styrene	ug/L	0.50U	1.0	05/21/10 12:20	
Tetrachloroethene	ug/L	0.50U	1.0	05/21/10 12:20	
Toluene	ug/L	0.50U	1.0	05/21/10 12:20	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/21/10 12:20	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/21/10 12:20	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/21/10 12:20	
Trichloroethene	ug/L	0.50U	1.0	05/21/10 12:20	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/21/10 12:20	
Vinyl acetate	ug/L	1.0U	2.0	05/21/10 12:20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

METHOD BLANK: 75671 Matrix: Water

Associated Lab Samples: 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	05/21/10 12:20	
Xylene (Total)	ug/L	0.50U	1.0	05/21/10 12:20	
1,2-Dichloroethane-d4 (S)	%	96	86-125	05/21/10 12:20	
4-Bromofluorobenzene (S)	%	99	70-114	05/21/10 12:20	
Dibromofluoromethane (S)	%	98	88-117	05/21/10 12:20	
Toluene-d8 (S)	%	101	87-113	05/21/10 12:20	

LABORATORY CONTROL SAMPLE: 75672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.6	93	76.8-126.8	
1,1,1-Trichloroethane	ug/L	20	21.1	105	81.9-126.8	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	70.5-131.7	
1,1,2-Trichloroethane	ug/L	20	19.4	97	84.1-122.6	
1,1-Dichloroethane	ug/L	20	20.4	102	66.4-138.6	
1,1-Dichloroethene	ug/L	20	20.3	101	79.3-127.5	
1,2,3-Trichloropropane	ug/L	20	19.9	100	58.2-134.6	
1,2-Dichlorobenzene	ug/L	20	20.1	100	91.7-127	
1,2-Dichloroethane	ug/L	20	20.8	104	85.9-121.9	
1,2-Dichloropropane	ug/L	20	20.5	103	82.2-129.1	
1,4-Dichlorobenzene	ug/L	20	18.0	90	91.9-121.7	1p,J(L0)
2-Butanone (MEK)	ug/L	20	20.0	100	53.8-156.3	
2-Hexanone	ug/L	20	18.6	93	57.5-155.8	
4-Methyl-2-pentanone (MIBK)	ug/L	20	17.9	89	71.8-134.4	
Acetone	ug/L	20	21.3	107	47.2-184.1	
Acrylonitrile	ug/L	200	185	93	57.8-125.9	
Benzene	ug/L	20	20.4	102	77.3-132.8	
Bromochloromethane	ug/L	20	20.1	100	87.4-122.8	
Bromodichloromethane	ug/L	20	20.9	104	77.2-121.1	
Bromoform	ug/L	20	18.3	91	65.9-133.5	
Bromomethane	ug/L	20	18.3	92	48.2-223.9	
Carbon disulfide	ug/L	20	18.9	94	20.3-195.4	
Carbon tetrachloride	ug/L	20	20.8	104	69-155.5	
Chlorobenzene	ug/L	20	20.0	100	76.9-123.9	
Chloroethane	ug/L	20	20.0	100	46.7-157.8	
Chloroform	ug/L	20	18.5	92	69.7-132	
Chloromethane	ug/L	20	20.4	102	54.4-153.8	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	84-127.9	
cis-1,3-Dichloropropene	ug/L	20	18.8	94	73-121.6	
Dibromochloromethane	ug/L	20	18.5	92	65.4-126.2	
Dibromomethane	ug/L	20	18.7	93	85.3-121.7	
Ethylbenzene	ug/L	20	18.5	92	66.4-134.4	
Iodomethane	ug/L	20	19.2	96	1-243.3	
Methylene Chloride	ug/L	20	18.6	93	65.7-137.3	
Styrene	ug/L	20	18.3	92	76.5-118.5	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

LABORATORY CONTROL SAMPLE: 75672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	19.9	99	71-134	
Toluene	ug/L	20	20.3	102	75-129	
trans-1,2-Dichloroethene	ug/L	20	20.7	103	83.3-126.3	
trans-1,3-Dichloropropene	ug/L	20	18.2	91	67.6-130	
trans-1,4-Dichloro-2-butene	ug/L	20	20.2	101	36.1-177.4	
Trichloroethene	ug/L	20	20.7	103	81.1-122.4	
Trichlorofluoromethane	ug/L	20	19.1	96	75.4-124.6	
Vinyl acetate	ug/L	20	18.4	92	72.2-139	
Vinyl chloride	ug/L	20	19.0	95	70.2-136.9	
Xylene (Total)	ug/L	60	54.6	91	82.3-126	
1,2-Dichloroethane-d4 (S)	%			97	86-125	
4-Bromofluorobenzene (S)	%			99	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75673 75674

Parameter	Units	3511785003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	19.2	18.5	96	92	70-130	4	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	22.8	22.8	114	114	70-130	.03	40	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	20	20	19.5	19.4	97	97	70-130	.6	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20.4	20.2	102	101	70-130	1	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	22.0	22.4	110	112	70-130	2	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	25.9	25.7	129	129	70-130	.6	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20.0	20.2	100	101	70-130	.8	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	21.1	21.3	106	106	70-130	.8	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	21.4	20.9	107	105	70-130	2	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	22.0	21.1	110	106	70-130	4	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	18.7	18.9	94	94	70-130	.8	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	16.7	16.6	84	83	70-130	.9	40	
2-Hexanone	ug/L	5.0U	20	20	18.8	17.3	94	86	70-130	9	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	18.7	18.2	93	91	70-130	3	40	
Acetone	ug/L	5.0U	20	20	16.7	16.7	84	84	70-130	.009	40	
Acrylonitrile	ug/L	5.0U	200	200	192	187	96	93	70-130	3	40	
Benzene	ug/L	2.6	20	20	25.0	24.9	112	112	70-130	.7	40	
Bromochloromethane	ug/L	0.50U	20	20	22.0	21.0	110	105	70-130	5	40	
Bromodichloromethane	ug/L	0.27U	20	20	21.3	21.1	106	106	70-130	.6	40	
Bromoform	ug/L	0.50U	20	20	17.5	17.7	88	88	70-130	.8	40	
Bromomethane	ug/L	0.50U	20	20	20.1	21.4	101	107	70-130	6	40	
Carbon disulfide	ug/L	0.62 I	20	20	21.1	21.3	102	103	70-130	.8	40	
Carbon tetrachloride	ug/L	0.50U	20	20	23.9	23.8	119	119	70-130	.2	40	
Chlorobenzene	ug/L	0.50U	20	20	20.6	20.6	103	103	70-130	.2	40	
Chloroethane	ug/L	0.50U	20	20	26.0	24.4	130	122	70-130	6	40	
Chloroform	ug/L	0.50U	20	20	19.8	19.6	99	98	70-130	1	40	
Chloromethane	ug/L	0.62U	20	20	23.1	23.1	116	116	70-130	.006	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	22.0	21.4	110	107	70-130	3	40	

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(386)672-5668

QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75673 75674

Parameter	Units	3511785003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	18.4	18.9	92	94	70-130	2	40	
Dibromochloromethane	ug/L	0.26U	20	20	18.1	18.2	91	91	70-130	.2	40	
Dibromomethane	ug/L	0.50U	20	20	20.0	19.9	100	100	70-130	.4	40	
Ethylbenzene	ug/L	6.4	20	20	23.3	22.3	84	79	70-130	4	40	
Iodomethane	ug/L	0.50U	20	20	20.3	22.7	101	114	70-130	11	40	
Methylene Chloride	ug/L	2.5U	20	20	20.2	19.6	101	98	70-130	3	40	
Styrene	ug/L	0.50U	20	20	19.1	18.7	96	93	70-130	3	40	
Tetrachloroethene	ug/L	0.50U	20	20	21.2	20.8	106	104	70-130	2	40	
Toluene	ug/L	0.50U	20	20	21.0	20.9	105	105	70-130	.5	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.6	22.4	113	112	70-130	1	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.9	17.8	89	89	70-130	.3	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	16.4	19.2	82	96	70-130	16	40	
Trichloroethene	ug/L	0.50U	20	20	22.5	22.5	112	112	70-130	.005	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	23.9	23.4	119	117	70-130	2	40	
Vinyl acetate	ug/L	1.0U	20	20	18.0	17.4	90	87	70-130	3	40	
Vinyl chloride	ug/L	0.50U	20	20	23.4	22.3	117	112	70-130	5	40	
Xylene (Total)	ug/L	0.50U	60	60	57.5	56.1	96	94	70-130	2	40	
1,2-Dichloroethane-d4 (S)	%						96	97	86-125			
4-Bromofluorobenzene (S)	%						102	97	70-114			
Dibromofluoromethane (S)	%						105	100	88-117			
Toluene-d8 (S)	%						102	100	87-113			

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MSV/1718 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3511579004, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

METHOD BLANK: 75930 Matrix: Water
Associated Lab Samples: 3511579004, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	0.50	05/21/10 16:44	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/21/10 16:44	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	05/21/10 16:44	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/21/10 16:44	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/21/10 16:44	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/21/10 16:44	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/21/10 16:44	
2-Hexanone	ug/L	5.0U	10.0	05/21/10 16:44	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/21/10 16:44	
Acetone	ug/L	5.0U	10.0	05/21/10 16:44	
Acrylonitrile	ug/L	5.0U	10.0	05/21/10 16:44	
Benzene	ug/L	0.50U	1.0	05/21/10 16:44	
Bromochloromethane	ug/L	0.50U	1.0	05/21/10 16:44	
Bromodichloromethane	ug/L	0.27U	0.60	05/21/10 16:44	
Bromoform	ug/L	0.50U	1.0	05/21/10 16:44	
Bromomethane	ug/L	0.50U	1.0	05/21/10 16:44	
Carbon disulfide	ug/L	0.50U	1.0	05/21/10 16:44	
Carbon tetrachloride	ug/L	0.50U	1.0	05/21/10 16:44	
Chlorobenzene	ug/L	0.50U	1.0	05/21/10 16:44	
Chloroethane	ug/L	0.50U	1.0	05/21/10 16:44	
Chloroform	ug/L	0.50U	1.0	05/21/10 16:44	
Chloromethane	ug/L	0.62U	1.0	05/21/10 16:44	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/21/10 16:44	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/21/10 16:44	
Dibromochloromethane	ug/L	0.26U	0.50	05/21/10 16:44	
Dibromomethane	ug/L	0.50U	1.0	05/21/10 16:44	
Ethylbenzene	ug/L	0.50U	1.0	05/21/10 16:44	
Iodomethane	ug/L	0.50U	1.0	05/21/10 16:44	
Methylene Chloride	ug/L	2.5U	5.0	05/21/10 16:44	
Styrene	ug/L	0.50U	1.0	05/21/10 16:44	
Tetrachloroethene	ug/L	0.50U	1.0	05/21/10 16:44	
Toluene	ug/L	0.50U	1.0	05/21/10 16:44	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/21/10 16:44	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/21/10 16:44	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/21/10 16:44	
Trichloroethene	ug/L	0.50U	1.0	05/21/10 16:44	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/21/10 16:44	
Vinyl acetate	ug/L	1.0U	2.0	05/21/10 16:44	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

METHOD BLANK: 75930 Matrix: Water

Associated Lab Samples: 3511579004, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	05/21/10 16:44	
Xylene (Total)	ug/L	0.50U	1.0	05/21/10 16:44	
1,2-Dichloroethane-d4 (S)	%	117	86-125	05/21/10 16:44	
4-Bromofluorobenzene (S)	%	105	70-114	05/21/10 16:44	
Dibromofluoromethane (S)	%	97	88-117	05/21/10 16:44	
Toluene-d8 (S)	%	97	87-113	05/21/10 16:44	

LABORATORY CONTROL SAMPLE: 75931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.1	106	76.8-126.8	
1,1,1-Trichloroethane	ug/L	20	23.2	116	81.9-126.8	
1,1,2,2-Tetrachloroethane	ug/L	20	17.8	89	70.5-131.7	
1,1,2-Trichloroethane	ug/L	20	21.0	105	84.1-122.6	
1,1-Dichloroethane	ug/L	20	21.2	106	66.4-138.6	
1,1-Dichloroethene	ug/L	20	19.3	97	79.3-127.5	
1,2,3-Trichloropropane	ug/L	20	19.0	95	58.2-134.6	
1,2-Dichlorobenzene	ug/L	20	17.6	88	91.7-127	1p,J(L0)
1,2-Dichloroethane	ug/L	20	23.4	117	85.9-121.9	
1,2-Dichloropropane	ug/L	20	22.6	113	82.2-129.1	
1,4-Dichlorobenzene	ug/L	20	17.2	86	91.9-121.7	1p,J(L0)
2-Butanone (MEK)	ug/L	20	24.0	120	53.8-156.3	
2-Hexanone	ug/L	20	21.4	107	57.5-155.8	
4-Methyl-2-pentanone (MIBK)	ug/L	20	21.7	108	71.8-134.4	
Acetone	ug/L	20	25.3	127	47.2-184.1	
Acrylonitrile	ug/L	200	193	96	57.8-125.9	
Benzene	ug/L	20	21.3	106	77.3-132.8	
Bromochloromethane	ug/L	20	21.4	107	87.4-122.8	
Bromodichloromethane	ug/L	20	23.9	119	77.2-121.1	
Bromoform	ug/L	20	20.7	104	65.9-133.5	
Bromomethane	ug/L	20	20.8	104	48.2-223.9	
Carbon disulfide	ug/L	20	17.4	87	20.3-195.4	
Carbon tetrachloride	ug/L	20	21.6	108	69-155.5	
Chlorobenzene	ug/L	20	19.7	99	76.9-123.9	
Chloroethane	ug/L	20	18.3	92	46.7-157.8	
Chloroform	ug/L	20	21.3	107	69.7-132	
Chloromethane	ug/L	20	22.5	112	54.4-153.8	
cis-1,2-Dichloroethene	ug/L	20	22.9	114	84-127.9	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	73-121.6	
Dibromochloromethane	ug/L	20	22.5	113	65.4-126.2	
Dibromomethane	ug/L	20	22.2	111	85.3-121.7	
Ethylbenzene	ug/L	20	19.3	96	66.4-134.4	
Iodomethane	ug/L	20	21.3	106	1-243.3	
Methylene Chloride	ug/L	20	17.9	89	65.7-137.3	
Styrene	ug/L	20	21.1	105	76.5-118.5	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

LABORATORY CONTROL SAMPLE: 75931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	20.5	103	71-134	
Toluene	ug/L	20	22.1	111	75-129	
trans-1,2-Dichloroethene	ug/L	20	17.4	87	83.3-126.3	
trans-1,3-Dichloropropene	ug/L	20	22.7	113	67.6-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.3	92	36.1-177.4	
Trichloroethene	ug/L	20	20.9	104	81.1-122.4	
Trichlorofluoromethane	ug/L	20	18.8	94	75.4-124.6	
Vinyl acetate	ug/L	20	19.5	97	72.2-139	
Vinyl chloride	ug/L	20	21.0	105	70.2-136.9	
Xylene (Total)	ug/L	60	55.0	92	82.3-126	
1,2-Dichloroethane-d4 (S)	%			93	86-125	
4-Bromofluorobenzene (S)	%			96	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			102	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76841 76842

Parameter	Units	3511650003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20.0	22.7	100	113	70-130	12	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20.6	23.3	103	116	70-130	12	40	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	20	20	20.4	21.9	102	109	70-130	7	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	19.6	21.6	98	108	70-130	10	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	19.4	21.8	97	109	70-130	12	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	21.4	24.5	107	123	70-130	14	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	19.4	20.4	97	102	70-130	5	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	19.3	21.5	97	107	70-130	11	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	21.5	23.9	108	120	70-130	11	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	19.8	22.5	99	113	70-130	13	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20.0	22.4	100	112	70-130	11	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	17.5	16.0	87	80	70-130	9	40	
2-Hexanone	ug/L	5.0U	20	20	23.2	20.9	116	104	70-130	10	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	23.6	21.2	118	106	70-130	11	40	
Acetone	ug/L	5.0U	20	20	18.0	17.3	90	86	70-130	4	40	
Acrylonitrile	ug/L	5.0U	200	200	176	198	88	99	70-130	12	40	
Benzene	ug/L	0.50U	20	20	21.8	24.7	109	123	70-130	12	40	
Bromochloromethane	ug/L	0.50U	20	20	19.5	22.0	97	110	70-130	12	40	
Bromodichloromethane	ug/L	0.27U	20	20	19.5	22.1	98	110	70-130	12	40	
Bromoform	ug/L	0.50U	20	20	17.9	19.4	89	97	70-130	8	40	
Bromomethane	ug/L	0.50U	20	20	21.5	26.6	107	133	70-130	21	40	
Carbon disulfide	ug/L	0.56 I	20	20	27.4	28.8	134	141	70-130	5	40	
Carbon tetrachloride	ug/L	0.50U	20	20	20.2	23.1	101	116	70-130	13	40	
Chlorobenzene	ug/L	0.50U	20	20	19.4	22.2	97	111	70-130	13	40	
Chloroethane	ug/L	0.50U	20	20	20.6	23.4	103	117	70-130	12	40	
Chloroform	ug/L	0.50U	20	20	20.1	22.7	101	113	70-130	12	40	
Chloromethane	ug/L	0.62U	20	20	18.7	19.4	93	97	70-130	4	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.6	22.2	98	111	70-130	12	40	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76841 76842

Parameter	Units	3511650003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	19.5	22.0	97	110	70-130	12	40	
Dibromochloromethane	ug/L	0.26U	20	20	19.1	21.6	96	108	70-130	12	40	
Dibromomethane	ug/L	0.50U	20	20	19.2	21.3	96	106	70-130	10	40	
Ethylbenzene	ug/L	0.50U	20	20	20.5	23.3	102	117	70-130	13	40	
Iodomethane	ug/L	0.50U	20	20	21.2	24.1	106	121	70-130	13	40	
Methylene Chloride	ug/L	2.5U	20	20	17.9	20.0	90	100	70-130	11	40	
Styrene	ug/L	0.50U	20	20	19.6	22.2	98	111	70-130	13	40	
Tetrachloroethene	ug/L	0.50U	20	20	18.2	20.8	91	104	70-130	13	40	
Toluene	ug/L	0.50U	20	20	20.8	23.5	104	117	70-130	12	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	21.2	24.2	106	121	70-130	13	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	19.1	21.3	96	106	70-130	11	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	17.2	17.4	86	87	70-130	1	40	
Trichloroethene	ug/L	0.50U	20	20	20.9	23.6	104	118	70-130	13	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	23.8	26.3	119	131	70-130	10	40	
Vinyl acetate	ug/L	1.0U	20	20	26.8	22.3	134	112	70-130	18	40	
Vinyl chloride	ug/L	0.50U	20	20	22.1	24.0	111	120	70-130	8	40	
Xylene (Total)	ug/L	0.50U	60	60	62.3	70.4	104	117	70-130	12	40	
1,2-Dichloroethane-d4 (S)	%						103	104	86-125			
4-Bromofluorobenzene (S)	%						97	99	70-114			Y
Dibromofluoromethane (S)	%						100	101	88-117			
Toluene-d8 (S)	%						99	101	87-113			

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: MSV/1719 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3511579005, 3511579006, 3511579018

METHOD BLANK: 76102 Matrix: Water
Associated Lab Samples: 3511579005, 3511579006, 3511579018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	0.50	05/22/10 12:19	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/22/10 12:19	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	05/22/10 12:19	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/22/10 12:19	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/22/10 12:19	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/22/10 12:19	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/22/10 12:19	
2-Hexanone	ug/L	5.0U	10.0	05/22/10 12:19	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/22/10 12:19	
Acetone	ug/L	5.0U	10.0	05/22/10 12:19	
Acrylonitrile	ug/L	5.0U	10.0	05/22/10 12:19	
Benzene	ug/L	0.50U	1.0	05/22/10 12:19	
Bromochloromethane	ug/L	0.50U	1.0	05/22/10 12:19	
Bromodichloromethane	ug/L	0.27U	0.60	05/22/10 12:19	
Bromoform	ug/L	0.50U	1.0	05/22/10 12:19	
Bromomethane	ug/L	0.50U	1.0	05/22/10 12:19	
Carbon disulfide	ug/L	0.52 I	1.0	05/22/10 12:19	
Carbon tetrachloride	ug/L	0.50U	1.0	05/22/10 12:19	
Chlorobenzene	ug/L	0.50U	1.0	05/22/10 12:19	
Chloroethane	ug/L	0.50U	1.0	05/22/10 12:19	
Chloroform	ug/L	0.50U	1.0	05/22/10 12:19	
Chloromethane	ug/L	0.62U	1.0	05/22/10 12:19	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/22/10 12:19	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/22/10 12:19	
Dibromochloromethane	ug/L	0.26U	0.50	05/22/10 12:19	
Dibromomethane	ug/L	0.50U	1.0	05/22/10 12:19	
Ethylbenzene	ug/L	0.50U	1.0	05/22/10 12:19	
Iodomethane	ug/L	0.50U	1.0	05/22/10 12:19	
Methylene Chloride	ug/L	2.5U	5.0	05/22/10 12:19	
Styrene	ug/L	0.50U	1.0	05/22/10 12:19	
Tetrachloroethene	ug/L	0.50U	1.0	05/22/10 12:19	
Toluene	ug/L	0.50U	1.0	05/22/10 12:19	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/22/10 12:19	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/22/10 12:19	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/22/10 12:19	
Trichloroethene	ug/L	0.50U	1.0	05/22/10 12:19	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/22/10 12:19	
Vinyl acetate	ug/L	1.0U	2.0	05/22/10 12:19	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

METHOD BLANK: 76102 Matrix: Water

Associated Lab Samples: 3511579005, 3511579006, 3511579018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	05/22/10 12:19	
Xylene (Total)	ug/L	0.50U	1.0	05/22/10 12:19	
1,2-Dichloroethane-d4 (S)	%	95	86-125	05/22/10 12:19	
4-Bromofluorobenzene (S)	%	98	70-114	05/22/10 12:19	
Dibromofluoromethane (S)	%	100	88-117	05/22/10 12:19	
Toluene-d8 (S)	%	102	87-113	05/22/10 12:19	

LABORATORY CONTROL SAMPLE: 76103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.5	93	76.8-126.8	
1,1,1-Trichloroethane	ug/L	20	21.3	106	81.9-126.8	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	70.5-131.7	
1,1,2-Trichloroethane	ug/L	20	20.4	102	84.1-122.6	
1,1-Dichloroethane	ug/L	20	21.5	107	66.4-138.6	
1,1-Dichloroethene	ug/L	20	24.0	120	79.3-127.5	J(CC)
1,2,3-Trichloropropane	ug/L	20	20.4	102	58.2-134.6	
1,2-Dichlorobenzene	ug/L	20	20.3	102	91.7-127	
1,2-Dichloroethane	ug/L	20	21.7	109	85.9-121.9	
1,2-Dichloropropane	ug/L	20	21.5	108	82.2-129.1	
1,4-Dichlorobenzene	ug/L	20	18.4	92	91.9-121.7	
2-Butanone (MEK)	ug/L	20	20.4	102	53.8-156.3	
2-Hexanone	ug/L	20	19.3	96	57.5-155.8	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.0	90	71.8-134.4	
Acetone	ug/L	20	23.9	119	47.2-184.1	
Acrylonitrile	ug/L	200	188	94	57.8-125.9	
Benzene	ug/L	20	20.9	105	77.3-132.8	
Bromochloromethane	ug/L	20	20.1	101	87.4-122.8	
Bromodichloromethane	ug/L	20	21.1	106	77.2-121.1	
Bromoform	ug/L	20	17.6	88	65.9-133.5	
Bromomethane	ug/L	20	19.7	99	48.2-223.9	
Carbon disulfide	ug/L	20	19.6	98	20.3-195.4	
Carbon tetrachloride	ug/L	20	21.4	107	69-155.5	
Chlorobenzene	ug/L	20	20.3	102	76.9-123.9	
Chloroethane	ug/L	20	22.8	114	46.7-157.8	
Chloroform	ug/L	20	18.7	93	69.7-132	
Chloromethane	ug/L	20	21.7	108	54.4-153.8	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	84-127.9	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	73-121.6	
Dibromochloromethane	ug/L	20	18.8	94	65.4-126.2	
Dibromomethane	ug/L	20	20.0	100	85.3-121.7	
Ethylbenzene	ug/L	20	18.6	93	66.4-134.4	
Iodomethane	ug/L	20	18.3	91	1-243.3	
Methylene Chloride	ug/L	20	19.1	96	65.7-137.3	
Styrene	ug/L	20	18.9	94	76.5-118.5	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

LABORATORY CONTROL SAMPLE: 76103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	20.1	101	71-134	
Toluene	ug/L	20	20.5	103	75-129	
trans-1,2-Dichloroethene	ug/L	20	20.1	101	83.3-126.3	
trans-1,3-Dichloropropene	ug/L	20	18.0	90	67.6-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.0	85	36.1-177.4	
Trichloroethene	ug/L	20	21.2	106	81.1-122.4	
Trichlorofluoromethane	ug/L	20	20.4	102	75.4-124.6	
Vinyl acetate	ug/L	20	19.2	96	72.2-139	
Vinyl chloride	ug/L	20	20.1	101	70.2-136.9	
Xylene (Total)	ug/L	60	54.9	91	82.3-126	
1,2-Dichloroethane-d4 (S)	%			98	86-125	
4-Bromofluorobenzene (S)	%			102	70-114	
Dibromofluoromethane (S)	%			99	88-117	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76106 76107

Parameter	Units	3511677008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	18.3	19.3	92	96	70-130	5	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	23.0	24.0	115	120	70-130	5	40	
1,1,2,2-Tetrachloroethane	ug/L	0.18U	20	20	18.8	19.0	94	95	70-130	1	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	19.1	20.2	95	101	70-130	6	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	22.5	22.9	113	115	70-130	2	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	27.1	26.0	136	130	70-130	4	40	J(M0)
1,2,3-Trichloropropane	ug/L	0.36U	20	20	18.7	19.3	94	97	70-130	3	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	19.5	20.5	97	103	70-130	5	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	21.7	21.9	108	109	70-130	.9	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	21.9	23.2	109	116	70-130	6	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	17.8	18.7	89	94	70-130	5	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	16.5	15.8	83	79	70-130	5	40	
2-Hexanone	ug/L	5.0U	20	20	16.3	17.3	82	86	70-130	6	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	17.4	17.8	87	89	70-130	2	40	
Acetone	ug/L	5.0U	20	20	15.9	16.6	80	83	70-130	4	40	
Acrylonitrile	ug/L	5.0U	200	200	185	191	92	95	70-130	3	40	
Benzene	ug/L	0.50U	20	20	22.1	23.2	111	116	70-130	5	40	
Bromochloromethane	ug/L	0.50U	20	20	21.5	21.8	107	109	70-130	2	40	
Bromodichloromethane	ug/L	0.27U	20	20	20.4	22.0	102	110	70-130	8	40	
Bromoform	ug/L	0.50U	20	20	16.2	17.3	81	87	70-130	7	40	
Bromomethane	ug/L	0.50U	20	20	21.0	25.2	105	126	70-130	18	40	
Carbon disulfide	ug/L	0.50U	20	20	20.6	21.7	103	108	70-130	5	40	
Carbon tetrachloride	ug/L	0.50U	20	20	23.3	24.4	116	122	70-130	5	40	
Chlorobenzene	ug/L	0.50U	20	20	21.1	21.5	106	107	70-130	2	40	
Chloroethane	ug/L	0.50U	20	20	23.9	24.2	120	121	70-130	1	40	
Chloroform	ug/L	0.50U	20	20	19.8	20.5	99	103	70-130	4	40	
Chloromethane	ug/L	0.62U	20	20	23.3	24.3	117	121	70-130	4	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	22.1	23.2	110	116	70-130	5	40	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76106 76107

Parameter	Units	3511677008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	18.7	19.8	93	99	70-130	6	40	
Dibromochloromethane	ug/L	0.26U	20	20	17.6	18.2	88	91	70-130	4	40	
Dibromomethane	ug/L	0.50U	20	20	19.7	20.6	98	103	70-130	5	40	
Ethylbenzene	ug/L	0.50U	20	20	19.1	19.7	95	99	70-130	3	40	
Iodomethane	ug/L	0.50U	20	20	14.9	17.0	75	85	70-130	13	40	
Methylene Chloride	ug/L	2.5U	20	20	19.9	20.7	99	103	70-130	4	40	
Styrene	ug/L	0.50U	20	20	18.8	19.7	94	99	70-130	5	40	
Tetrachloroethene	ug/L	0.50U	20	20	20.4	21.0	102	105	70-130	3	40	
Toluene	ug/L	0.50U	20	20	21.0	21.9	105	110	70-130	5	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.8	24.0	114	120	70-130	5	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	16.9	17.6	84	88	70-130	4	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	16.1	18.7	81	94	70-130	15	40	
Trichloroethene	ug/L	0.50U	20	20	22.1	23.2	110	116	70-130	5	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	24.1	24.3	120	121	70-130	.9	40	
Vinyl acetate	ug/L	1.0U	20	20	15.6	15.6	78	78	70-130	.1	40	
Vinyl chloride	ug/L	0.50U	20	20	22.7	23.3	114	116	70-130	3	40	
Xylene (Total)	ug/L	0.50U	60	60	56.4	59.3	94	99	70-130	5	40	
1,2-Dichloroethane-d4 (S)	%						97	97	86-125			
4-Bromofluorobenzene (S)	%						103	103	70-114			
Dibromofluoromethane (S)	%						103	101	88-117			
Toluene-d8 (S)	%						101	101	87-113			

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3900 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579005

METHOD BLANK: 74733 Matrix: Water
Associated Lab Samples: 3511579002, 3511579003, 3511579004, 3511579005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0	05/19/10 10:27	
Alkalinity, Total as CaCO3	mg/L	5.0U	5.0	05/19/10 10:27	
Alkalinity,Bicarbonate (CaCO3)	mg/L	5.0U	5.0	05/19/10 10:27	

LABORATORY CONTROL SAMPLE: 74734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	241	96	90-110	

MATRIX SPIKE SAMPLE: 74736

Parameter	Units	3511459001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	62.7	250	301	95	90-110	

MATRIX SPIKE SAMPLE: 74738

Parameter	Units	3511579004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	7680	6250	13400	92	90-110	

SAMPLE DUPLICATE: 74735

Parameter	Units	3511459001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	10.2	12.1	17	20	
Alkalinity, Total as CaCO3	mg/L	62.7	62.8	.1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	52.5	50.7	3	20	

SAMPLE DUPLICATE: 74737

Parameter	Units	3511579004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	25.0U	25.0U		20	
Alkalinity, Total as CaCO3	mg/L	7680	7440	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	7680	7440	3	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3901 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3511579006, 3511579007, 3511579008, 3511579009, 3511579011, 3511579012, 3511579013

METHOD BLANK: 74742 Matrix: Water
Associated Lab Samples: 3511579006, 3511579007, 3511579008, 3511579009, 3511579011, 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0	05/19/10 16:29	
Alkalinity, Total as CaCO3	mg/L	5.0U	5.0	05/19/10 16:29	
Alkalinity,Bicarbonate (CaCO3)	mg/L	5.0U	5.0	05/19/10 16:29	

LABORATORY CONTROL SAMPLE: 74743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	246	98	90-110	

MATRIX SPIKE SAMPLE: 74745

Parameter	Units	3511579006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	687	250	939	101	90-110	

MATRIX SPIKE SAMPLE: 74747

Parameter	Units	3511579013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	707	250	953	99	90-110	

SAMPLE DUPLICATE: 74744

Parameter	Units	3511579006 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0U		20	
Alkalinity, Total as CaCO3	mg/L	687	696	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	687	696	1	20	

SAMPLE DUPLICATE: 74746

Parameter	Units	3511579013 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0U		20	
Alkalinity, Total as CaCO3	mg/L	707	698	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	707	698	1	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3917
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3511579010

METHOD BLANK: 75160 Matrix: Water
Associated Lab Samples: 3511579010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0	05/20/10 12:57	
Alkalinity, Total as CaCO3	mg/L	5.0U	5.0	05/20/10 12:57	
Alkalinity,Bicarbonate (CaCO3)	mg/L	5.0U	5.0	05/20/10 12:57	

LABORATORY CONTROL SAMPLE: 75161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	249	99	90-110	

MATRIX SPIKE SAMPLE: 75163

Parameter	Units	3511721001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	323	250	501	71	90-110	

MATRIX SPIKE SAMPLE: 75165

Parameter	Units	3511777001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	45.8	250	294	99	90-110	

SAMPLE DUPLICATE: 75162

Parameter	Units	3511721001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	5.0U	5.0U		20	
Alkalinity, Total as CaCO3	mg/L	323	325	.5	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	323	325	.5	20	

SAMPLE DUPLICATE: 75164

Parameter	Units	3511777001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Carbonate (CaCO3)	mg/L	13.6	12.8	6	20	
Alkalinity, Total as CaCO3	mg/L	45.8	45.0	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	32.2	32.2	.03	20	

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3869 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579012, 3511579013, 3511579014, 3511579015, 3511579016, 3511579017

METHOD BLANK: 73759 Matrix: Water
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579012, 3511579013, 3511579014, 3511579015, 3511579016, 3511579017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/17/10 11:53	

LABORATORY CONTROL SAMPLE: 73760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	294	98	90-110	

SAMPLE DUPLICATE: 73761

Parameter	Units	3511504002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	336	335	.3	20	

SAMPLE DUPLICATE: 73762

Parameter	Units	3511526001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	310	294	5	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3902 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3511579004, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

METHOD BLANK: 74759 Matrix: Water
Associated Lab Samples: 3511579004, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/19/10 09:54	

LABORATORY CONTROL SAMPLE: 74760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	282	94	90-110	

SAMPLE DUPLICATE: 74761

Parameter	Units	3511577005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	11.0	9.0	20	20	

SAMPLE DUPLICATE: 74762

Parameter	Units	358922005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	41.0	40.0	2	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WET/3903
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3511579005, 3511579006

METHOD BLANK: 74764 Matrix: Water
Associated Lab Samples: 3511579005, 3511579006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/19/10 10:03	

LABORATORY CONTROL SAMPLE: 74765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	287	96	90-110	

SAMPLE DUPLICATE: 74766

Parameter	Units	9269345001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	28.0	29.0	4	20	

SAMPLE DUPLICATE: 74767

Parameter	Units	3511556002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	614	588	4	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WETA/4545 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3511579002

METHOD BLANK: 76566 — Matrix: Water
Associated Lab Samples: 3511579002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/10 10:15	
Sulfate	mg/L	2.5U	5.0	05/24/10 10:15	

LABORATORY CONTROL SAMPLE: 76567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.3	99	90-110	
Sulfate	mg/L	50	47.8	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76568 — 76569

Parameter	Units	3511539016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	8.6	50	50	57.5	57.5	98	98	90-110	.03	20	
Sulfate	mg/L	44.9	50	50	98.2	98.1	107	106	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76570 — 76571

Parameter	Units	3511842001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	299	250	250	595	596	118	119	90-110	.2	20	P3
Sulfate	mg/L	28.6	250	250	270	270	97	96	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WETA/4546 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013

METHOD BLANK: 76572 Matrix: Water
Associated Lab Samples: 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/10 16:20	
Sulfate	mg/L	2.5U	5.0	05/24/10 16:20	

LABORATORY CONTROL SAMPLE: 76573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.1	100	90-110	
Sulfate	mg/L	50	48.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76574 76575

Parameter	Units	3511539017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5U	50	50	45.8	46.0	92	92	90-110	.4	20	
Sulfate	mg/L	2.5U	50	50	44.7	44.7	89	89	90-110	.1	20	J(M0)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76576 76577

Parameter	Units	3511618007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	9.8	50	50	57.7	57.2	96	95	90-110	.9	20	
Sulfate	mg/L	2.5U	50	50	43.5	42.9	86	85	90-110	1	20	J(M0)

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WETA/4402 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013, 3511579014, 3511579015

METHOD BLANK: 73734 Matrix: Water
Associated Lab Samples: 3511579001, 3511579002, 3511579003, 3511579004, 3511579005, 3511579006, 3511579007, 3511579008, 3511579009, 3511579010, 3511579011, 3511579012, 3511579013, 3511579014, 3511579015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/17/10 12:42	

LABORATORY CONTROL SAMPLE: 73735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 73737

Parameter	Units	3511577001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.046 I	1	1.1	104	90-110	

SAMPLE DUPLICATE: 73736

Parameter	Units	3511577001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.046 I	0.035 I		20	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

QC Batch: WETA/4403 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3511579016, 3511579017

METHOD BLANK: 73738 Matrix: Water
Associated Lab Samples: 3511579016, 3511579017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/17/10 13:23	

LABORATORY CONTROL SAMPLE: 73739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	109	90-110	

MATRIX SPIKE SAMPLE: 73741

Parameter	Units	3511579016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	10.1	1	11.3	121	90-110	J(M0)

SAMPLE DUPLICATE: 73740

Parameter	Units	3511579016 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	10.1	10.2	.3	20	

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QUALIFIERS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3511579

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

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LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
1p	The recovery for the LCS was outside method guidance criteria (low) bias. However, the NELAC standards consider the batch in control with up to 4 analytes exceeding the recommended control limits for methods with 71 to 90 analytes in the list.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D4	Sample was diluted due to the presence of high levels of target analytes.
J(CC)	Estimated Value. The continuing calibration for this compound is outside of method control limits. The result is estimated.
J(IS)	Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
J(L0)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
J(L1)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
J(L2)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
J(M0)	Estimated Value. Matrix spike recovery was outside laboratory control limits.
J(P6)	Estimated Value. Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
J(S0)	Estimated Value. Surrogate recovery outside laboratory control limits.
P3	Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

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BENCHMARK
EnviroAnalytical, Inc.

FDHRS Certification #E84167
FDER Qualtiy Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050420 & 10050533**

Precision Data:

Parameter	ID		Date	Sample A Conc.	Sample B Conc.	% RSD
NITRATE+NITRITE AS N	10050420	1	5/19/2010	0.005	0.006	0.00
NITRATE+NITRITE AS N	10050461	2	5/17/2010	0.181	0.173	3.20
NITRATE+NITRITE AS N	10050467	1	5/19/2010	0.016	0.014	0.00
NITRATE+NITRITE AS N	10050486	2	5/17/2010	0.658	0.659	0.11
NITRATE+NITRITE AS N	10050493	1	5/17/2010	0.596	0.582	1.68
NITRATE+NITRITE AS N	10050507	7	5/17/2010	0.423	0.423	0.00
NITRATE+NITRITE AS N	10050525	1	5/19/2010	0.014	0.014	0.00
NITRATE+NITRITE AS N	10050533	7	5/19/2010	0.017	0.019	0.00
NITRATE+NITRITE AS N	10050600	2	5/19/2010	0.115	0.117	0.00
NITRITE NITROGEN	10050425	1	5/12/2010	0.001	0.001	0.00
NITRITE NITROGEN	10050533	8	5/13/2010	0.002	0.002	0.00

Parameter	ID		Date	QC Type	Sample Conc.	Sample + Spike Conc.	True Value	% Rec.
NITRITE NITROGEN			05/12/10	STD	0.199		0.20	99.30
NITRITE NITROGEN			05/13/10	STD	0.202		0.20	101.00
NITRITE NITROGEN			05/13/10	STD	0.200		0.20	100.00
NITRITE NITROGEN			05/13/10	STD	0.011		0.01	111.00
NITRITE NITROGEN	10050425	2	05/12/10	SPK	0.001	0.202	0.20	100.20
NITRITE NITROGEN	10050429	1	05/13/10	SPK	0.003	0.199	0.20	97.80

BENCHMARK

EnviroAnalytical, Inc.

FDHRS Certification #E84167 and #84455
FDER Quality Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050420 & 10050533**

Accuracy Data:

Parameter	ID		Date	QC Type	Sample Conc.	Sample + Spike Conc.	True Value	% Rec.
NITRATE+NITRITE AS N			05/17/10	STD	0.212		0.20	106.00
NITRATE+NITRITE AS N			05/17/10	STD	5.030		5.00	101.00
NITRATE+NITRITE AS N			05/17/10	STD	10.10		10.00	101.00
NITRATE+NITRITE AS N			05/17/10	STD	1.030		1.00	103.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	0.217		0.20	109.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	0.212		0.20	106.00
NITRATE+NITRITE AS N			05/19/10	STD	0.219		0.20	110.00
NITRATE+NITRITE AS N			05/19/10	STD	0.485		0.50	97.00
NITRATE+NITRITE AS N			05/19/10	STD	0.102		0.10	102.00
NITRATE+NITRITE AS N			05/19/10	STD	0.011		0.01	110.00
NITRATE+NITRITE AS N			05/19/10	STD	0.096		0.10	96.00
NITRATE+NITRITE AS N			05/19/10	STD	0.101		0.10	101.00
NITRATE+NITRITE AS N			05/19/10	STD	0.010		0.01	100.00
NITRATE+NITRITE AS N			05/19/10	STD	0.097		0.10	97.00
NITRATE+NITRITE AS N	10050417	2	05/19/10	SPK	0.003	0.206	0.20	102.00
NITRATE+NITRITE AS N	10050467	2	05/19/10	SPK	0.021	0.221	0.20	99.90
NITRATE+NITRITE AS N	10050480	1	05/17/10	SPK	0.165	9.520	10.00	93.60
NITRATE+NITRITE AS N	10050487	1	05/17/10	SPK	1.450	10.90	10.00	94.80
NITRATE+NITRITE AS N	10050507	8	05/17/10	SPK	0.000	9.260	10.00	92.60
NITRATE+NITRITE AS N	10050525	6	05/19/10	SPK	0.034	0.248	0.20	107.00
NITRATE+NITRITE AS N	10050533	1	05/17/10	SPK	0.000	9.590	10.00	95.90
NITRATE+NITRITE AS N	10050533	8	05/19/10	SPK	0.001	0.180	0.20	89.60
NITRATE+NITRITE AS N	10050600	1	05/19/10	SPK	0.003	0.209	0.20	103.00
NITRATE+NITRITE AS N	10050607	1	05/19/10	SPK	0.016	0.221	0.20	103.00
NITRITE NITROGEN			05/12/10	STD	0.011		0.01	108.00
NITRITE NITROGEN			05/12/10	STD	0.200		0.20	100.00

PACE

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Ormond Beach, FL 32174
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(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD No. E

Page 2 of 2

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: °C (or Received on Ice, ROI) Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Cardinal~~ MM MLD EGP

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14. 15. Preservatives: H C N S C C
16. Containers: V V P P P G
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	11. Time	12. Comp.	12. Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl) pthalate	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
6	23033	CLMW17	5-13-10	9:18		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K		G:Metals App1	3 NOx ND NO3
7	23034	CLMW18	5-12-10	10:55		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L	Ammonia,	4 NOx ND NO3
8	23035	CLMW19	5-12-10	13:15		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L	I,J Bicarb, Carb, Chloride, Sulfate, TDS	5 NOx NO3
9	23036	CLMW20	5-12-10	14:57		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L	Benchmark	6 NOx NO3 NO3 NOP
10		Dup	5-12-10			X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L	H':Nitrate, Nox	7 NOx NO3 NO3
11		Eq Blank	5-12-10			X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L	K:Nitrite	8 NOx NO3 NO3

0100533

	21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1		5-13-10	10:05		5-13-10	10:05
2		5-13-10	10:35		5-13-10	1035
3		5-13-10	1420		5-13-10	1420
4						

Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Need Blank Run

9706

PACE — CHAIN OF CUSTODY RECORD — No. E

Page 1 of 2

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FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: _____ °C (or Received on Ice, ROI)
Condition of Seals: _____

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

19. Turnaround Time:
X Standard
Rush : / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Cardinal~~ MK Mark Lyon

8. Shipping Method:

Water Sample Codes (for Item 13):
DW = Drinking Water
GW = Ground Water
SW = Surface Water
PW = Processed Water
WW = Waste Water

Container Codes (for Item 16):
V = VOA vial
G = glass
P = plastic
M = micro bag/cup
O = other

14. 15. Preservatives: H C N S C C
16. Containers: V V P P P G
17.

Preservative Codes (for Item 15):
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOCs APP I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl) pthalate			20. REMARK	LAB USE ONLY LAB SAMPLE NO.
MK ~~1~~	~~20585~~	~~CLMW1R~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				G:Metals App1	
MK ~~1~~	~~21453~~	~~CLMW8A~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				Ammonia,	
MK ~~1~~	~~4509~~	~~CLMW9~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				I,J Bicarb, Carb, Chloride, Sulfate, TDS	
MK ~~2~~	~~4510~~	~~CLMW10R~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				Benchmark	
4	23031	CLMW15	5.12.10	16:50		X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L			K:Nitrite	1 - MX NO2,NO3
5	23032	CLMW16	5.13.10	08:04		X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L			NO2, NO3, NO2 NO3 NO2	

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	5.13.10	10:05		5/13/10	10:05
2	5/13/10	10:30		5-13-10	1035
3	5-13-10	1425		5/13/10	1448
4					

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

5 of 6

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

R. Koutselas 05/20/2010

Dale D. Dixon / Laboratory Director Date

Radica Koutselas / QC Officer

Jennifer Jordan / QC Officer

DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the acceptable range.

H = Value based on field kit determination. Results may not be accurate.

I = Reported value is between the laboratory MDL and the PQL.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. value. Data questionable due to improper lab or field protocols

K = Off-scale low. Value is known to be < the value reported.

L = Off-scale high. Value is known to be > the value reported

N = Presumptive evidence of presence of material.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank.

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

! = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

NOTES:

PQL = 4xMDL.

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

Results relate only to the samples.

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

Submission Number : 10050420

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project Name : CENTRAL COUNTY WELLS
Date Received : 05/12/2010
Time Received : 1420

Submission Number 10050420

Sample Number: 001
Sample Date: 05/11/2010
Sample Time: 1155
Sample Description: 20585 CLMW1R
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.004 U	MG/L	0.004	0.016	353.2	05/12/2010	17:27	RK/AG
NITRATE+NITRITE AS N	0.005 I	MG/L	0.004	0.016	353.2	05/19/2010	11:30	AG
NITRITE NITROGEN	0.005 I	MG/L	0.003	0.012	SM4500NO2B	05/12/2010	17:27	RK

Submission Number 10050420

Sample Number: 002
Sample Date: 05/11/2010
Sample Time: 1408
Sample Description: 4510 CLMW10R
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.013 I	MG/L	0.004	0.016	353.2	05/12/2010	17:27	RK/AG
NITRATE+NITRITE AS N	0.013 I	MG/L	0.004	0.016	353.2	05/19/2010	11:30	AG
NITRITE NITROGEN	0.003 U	MG/L	0.003	0.012	SM4500NO2B	05/12/2010	17:27	RK

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

R. Koutselas 05/20/2010

Dale D. Dixon / Laboratory Director Date

Radica Koutselas / QC Officer

Jennifer Jordan / QC Officer

DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the acceptable range.

H = Value based on field kit determination. Results may not be accurate.

I = Reported value is between the laboratory MDL and the PQL.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. value. Data questionable due to improper lab or field protocols

K = Off-scale low. Value is known to be < the value reported.

L = Off-scale high. Value is known to be > the value reported

N = Presumptive evidence of presence of material.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank.

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

! = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

NOTES:

PQL = 4xMDL.

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

Results relate only to the samples.

PACE

8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Barry Gardiner~~ Michael Eggleston

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

14.	H	C	N	S	C	C		
15. Preservatives								
16. Containers	V	V	P	P	P	G		

17.

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOCs App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl) pthalate		20. REMARK	LAB USE ONLY LAB SAMPLE NO.
1	20585	CLMW1R	5.11.10	11:55		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K			G:Metals App1	1050420
~~1~~	~~21453~~	~~CLMW8A~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K			Ammonia,	
~~1~~	~~4509~~	~~CLMW9~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K			I,J Bicarb, Carb, Chloride, Sulfate, TDS	
2	4510	CLMW10R	5.11.10	14:08		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K			Benchmark	1050420
~~4~~	~~23031~~	~~CLMW15~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L		K:Nitrite	
~~5~~	~~23032~~	~~CLMW16~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L		NO_2, NO_3, NO_3	

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1 Michael Eggleston	5-12-10	09:27		5/12/10	9:27
2	5/12/10	1045	Wayne Ver Cammen	5-12-10	1045
3 Wayne Ver Cammen	5-12-10	1430	Alyson Mc	5/12/10	1927
4 Alyson Mc					

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.
Quote No.

3 of 3

BENCHMARK
EnviroAnalytical, Inc.

FDHRS Certification #E84167 and #84455
FDER Qualtiy Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050420 & 10050533**

Accuracy Data:

Parameter	ID		Date	QC Type	Sample Conc.	Sample + Spike Conc.	True Value	% Rec.
NITRATE+NITRITE AS N			05/17/10	STD	0.212		0.20	106.00
NITRATE+NITRITE AS N			05/17/10	STD	5.030		5.00	101.00
NITRATE+NITRITE AS N			05/17/10	STD	10.10		10.00	101.00
NITRATE+NITRITE AS N			05/17/10	STD	1.030		1.00	103.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	0.217		0.20	109.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	1.020		1.00	102.00
NITRATE+NITRITE AS N			05/17/10	STD	0.212		0.20	106.00
NITRATE+NITRITE AS N			05/19/10	STD	0.219		0.20	110.00
NITRATE+NITRITE AS N			05/19/10	STD	0.485		0.50	97.00
NITRATE+NITRITE AS N			05/19/10	STD	0.102		0.10	102.00
NITRATE+NITRITE AS N			05/19/10	STD	0.011		0.01	110.00
NITRATE+NITRITE AS N			05/19/10	STD	0.096		0.10	96.00
NITRATE+NITRITE AS N			05/19/10	STD	0.101		0.10	101.00
NITRATE+NITRITE AS N			05/19/10	STD	0.010		0.01	100.00
NITRATE+NITRITE AS N			05/19/10	STD	0.097		0.10	97.00
NITRATE+NITRITE AS N	10050417	2	05/19/10	SPK	0.003	0.206	0.20	102.00
NITRATE+NITRITE AS N	10050467	2	05/19/10	SPK	0.021	0.221	0.20	99.90
NITRATE+NITRITE AS N	10050480	1	05/17/10	SPK	0.165	9.520	10.00	93.60
NITRATE+NITRITE AS N	10050487	1	05/17/10	SPK	1.450	10.90	10.00	94.80
NITRATE+NITRITE AS N	10050507	8	05/17/10	SPK	0.000	9.260	10.00	92.60
NITRATE+NITRITE AS N	10050525	6	05/19/10	SPK	0.034	0.248	0.20	107.00
NITRATE+NITRITE AS N	10050533	1	05/17/10	SPK	0.000	9.590	10.00	95.90
NITRATE+NITRITE AS N	10050533	8	05/19/10	SPK	0.001	0.180	0.20	89.60
NITRATE+NITRITE AS N	10050600	1	05/19/10	SPK	0.003	0.209	0.20	103.00
NITRATE+NITRITE AS N	10050607	1	05/19/10	SPK	0.016	0.221	0.20	103.00
NITRITE NITROGEN			05/12/10	STD	0.011		0.01	108.00
NITRITE NITROGEN			05/12/10	STD	0.200		0.20	100.00

Parameter	ID		Date	QC Type	Sample Conc.	Sample + Spike Conc.	True Value	% Rec.
NITRITE NITROGEN			05/12/10	STD	0.199		0.20	99.30
NITRITE NITROGEN			05/13/10	STD	0.202		0.20	101.00
NITRITE NITROGEN			05/13/10	STD	0.200		0.20	100.00
NITRITE NITROGEN			05/13/10	STD	0.011		0.01	111.00
NITRITE NITROGEN	10050425	2	05/12/10	SPK	0.001	0.202	0.20	100.20
NITRITE NITROGEN	10050429	1	05/13/10	SPK	0.003	0.199	0.20	97.80

BENCHMARK
EnviroAnalytical, Inc.

FDHRS Certification #E84167
FDER Qualtiy Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050420 & 10050533**

Precision Data:

Parameter	ID		Date	Sample A Conc.	Sample B Conc.	% RSD
NITRATE+NITRITE AS N	10050420	1	5/19/2010	0.005	0.006	0.00
NITRATE+NITRITE AS N	10050461	2	5/17/2010	0.181	0.173	3.20
NITRATE+NITRITE AS N	10050467	1	5/19/2010	0.016	0.014	0.00
NITRATE+NITRITE AS N	10050486	2	5/17/2010	0.658	0.659	0.11
NITRATE+NITRITE AS N	10050493	1	5/17/2010	0.596	0.582	1.68
NITRATE+NITRITE AS N	10050507	7	5/17/2010	0.423	0.423	0.00
NITRATE+NITRITE AS N	10050525	1	5/19/2010	0.014	0.014	0.00
NITRATE+NITRITE AS N	10050533	7	5/19/2010	0.017	0.019	0.00
NITRATE+NITRITE AS N	10050600	2	5/19/2010	0.115	0.117	0.00
NITRITE NITROGEN	10050425	1	5/12/2010	0.001	0.001	0.00
NITRITE NITROGEN	10050533	8	5/13/2010	0.002	0.002	0.00

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

Submission Number : 10050364

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project Name : CENTRAL COUNTY WELLS
Date Received : 05/11/2010
Time Received : 1435

Submission Number 10050364

Sample Number: 001
Sample Date: 05/10/2010
Sample Time: 1256
Sample Description: 21453 CLMW8A
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.010 I	MG/L	0.004	0.016	353.2	05/11/2010	17:06	RK/AG
NITRATE+NITRITE AS N	0.010 I	MG/L	0.004	0.016	353.2	05/12/2010	10:30	AG
NITRITE NITROGEN	0.003 U	MG/L	0.003	0.012	SM4500NO2B	05/11/2010	17:06	RK

Submission Number 10050364

Sample Number: 002
Sample Date: 05/10/2010
Sample Time: 1622
Sample Description: 4509 CLMW9
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.004 U	MG/L	0.004	0.016	353.2	05/11/2010	17:06	RK/AG
NITRATE+NITRITE AS N	0.005 I	MG/L	0.004	0.016	353.2	05/12/2010	10:30	AG
NITRITE NITROGEN	0.004 I	MG/L	0.003	0.012	SM4500NO2B	05/11/2010	17:06	RK

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

R. Koutselas 05/13/2010

Dale D. Dixon / Laboratory Director — Date

Radica Koutselas / QC Officer

Jennifer Jordan / QC Officer

DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the acceptable range.

H = Value based on field kit determination. Results may not be accurate.

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J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

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L = Off-scale high. Value is known to be > the value reported

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Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

I = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

NOTES:

PQL = 4xMDL.

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

Results relate only to the samples.

PACE
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001

CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: ~~1301 Cattlemen Rd. Bldg E~~ 1255 T. MABRY CARLTON PKWY
City Sarasota ~~Sarasota~~ State Fl. Zip Code ~~34251~~ 34243
Phone: (941) 650-9834
Fax: ~~941 480-3558~~

2. Report to: (If different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 8100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Gaudinal~~ Mr Michael Eggleston

8. Shipping Method:

PO

Water Sample Codes (for Item 13): DW = Drinking Water; GW = Ground Water; SW = Surface Water; PW = Processed Water; WW = Waste Water

Container Codes (for Item 16): V = VOA vial; G = glass; P = plastic; M = micro bag/cup; O = other

14. 15. Preservatives: H C N S C C
16. Containers: V V P P P G
17.

Preservative Codes (for Item 15): C = Cool Only; H = Hydrochloric Acid; M = Monochloroacetic Acid; N = Nitric Acid; OH = Sodium Hydroxide; S = Sulfuric Acid; T = Sodium Thiosulfate

18. Report Type: X Routine; With QC
19. Turnaround Time: X Standard; Rush: / /

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Code)	Air	Soil	Sludge	Other	8260 VOCs App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous inorgs App I	bis (2 ethylhexyl) phthalate	20. REMARK	Lab Sample ID No.
MA	~~1~~	~~20585~~	~~CLMW1R~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K		G:Metals App I	10050364
	2	~~21453~~ 21453 MA	CLMW8A	5.10.10	12:56	X	gw					A,B,C,D	E,F	G	H,H	I,J,K		Ca,Fe,Mg,Hg,K,Na	-1 NO3,NO2 NOX
	3	4509	CLMW9	5.10.10	16:22	X	gw					A,B,C,D	E,F	G	H,H	I,J,K		H:Nutrients: Tot	-2 NO3, NO2 NOX
MA	~~4~~	~~4510~~	~~CLMW10R~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K		Ammonia,	
MA	~~5~~	~~20588~~	~~CLMW11R~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K		I,J Bicarb, Carb, Chloride, Sulfate, TDS	
MA	~~6~~	~~20589~~	~~CLMW12R~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K			
MA	~~7~~	~~23031~~	~~CLMW15~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L	Benchmark	
MA	~~8~~	~~23032~~	~~CLMW16~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L	H:Nitrate, Nox	
MA	~~9~~	~~23033~~	~~CLMW17~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L	K:Nitrite	
MA	~~10~~	~~23034~~	~~CLMW18~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L		
MA	~~11~~	~~23035~~	~~CLMW19~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L		
MA	~~12~~	~~23036~~	~~CLMW20~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L		
MA	~~13~~		~~Dup~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L		
MA	~~14~~		~~Eq Blank~~			X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L		

Please use ADAPT

	21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1		5.10.10	No:35		5/10/10	16:35
2		5-11-10	1105	Wayne W. Cameron	5-11-10	1105
3	Wayne W. Cameron	5-11-10	1435		5/11/10	1435
4						

FOR LAB USE ONLY
Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

3 of 3

BENCHMARK
EnviroAnalytical, Inc.

FDHRS Certification #E84167 and #84455
FDER Qualtiy Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050364**

Accuracy Data:

Parameter	ID		Date	QC Type	Sample Conc.	Sample + Spike Conc.	True Value	% Rec.
NITRATE+NITRITE AS N			05/12/10	STD	0.094		0.10	94.00
NITRATE+NITRITE AS N			05/12/10	STD	0.100		0.10	100.00
NITRATE+NITRITE AS N			05/12/10	STD	0.009		0.01	90.00
NITRATE+NITRITE AS N			05/12/10	STD	0.294		0.30	98.00
NITRATE+NITRITE AS N			05/12/10	STD	0.101		0.10	101.00
NITRATE+NITRITE AS N			05/12/10	STD	0.092		0.10	92.00
NITRATE+NITRITE AS N			05/12/10	STD	0.482		0.50	96.40
NITRATE+NITRITE AS N	10050264	4	05/12/10	SPK	0.002	0.183	0.20	90.50
NITRATE+NITRITE AS N	10050264	14	05/12/10	SPK	0.003	0.201	0.20	99.00
NITRATE+NITRITE AS N	10050299	10	05/12/10	SPK	0.016	0.207	0.20	95.70
NITRATE+NITRITE AS N	10050362	1	05/12/10	SPK	-0.003	0.175	0.20	89.00
NITRITE NITROGEN			05/11/10	STD	0.197		0.20	98.30
NITRITE NITROGEN			05/11/10	STD	0.010		0.01	103.00
NITRITE NITROGEN			05/11/10	STD	0.193		0.20	96.40
NITRITE NITROGEN	10050372	1	05/11/10	SPK	0.002	0.191	0.20	94.50

BENCHMARK
EnviroAnalytical, Inc.

FDHRS Certification #E84167
FDER Qualtiy Assurance #870594G

Pace Analytical Services,Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project: Quality Control Data - **10050364**

Precision Data:

Parameter	ID		Date	Sample A Conc.	Sample B Conc.	% RSD
NITRATE+NITRITE AS N	10050264	3	5/12/2010	0.012	0.011	0.00
NITRATE+NITRITE AS N	10050264	13	5/12/2010	0.002	0.002	0.00
NITRATE+NITRITE AS N	10050362	2	5/12/2010	0.103	0.104	0.00
NITRATE+NITRITE AS N	10050386	2	5/12/2010	0.147	0.139	0.00
NITRITE NITROGEN	10050371	1	5/11/2010	0.003	0.003	0.00

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

Submission Number 10050533

Sample Number: 006 **Sample Description:** 23036 CLMW20
Sample Date: 05/12/2010 **Sample Method:** Grab
Sample Time: 1457

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.011 I	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Submission Number 10050533

Sample Number: 007 **Sample Description:** Dup
Sample Date: 05/12/2010 **Sample Method:** Grab
Sample Time: N/A

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.045	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Submission Number 10050533

Sample Number: 008 **Sample Description:** Eq. Blank
Sample Date: 05/12/2010 **Sample Method:** Grab
Sample Time: N/A

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.003 U	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

Submission Number 10050533

Sample Number: 003 **Sample Description:** 23033 CLMW17
Sample Date: 05/13/2010 **Sample Method:** Grab
Sample Time: 0918

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.040	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Submission Number 10050533

Sample Number: 004 **Sample Description:** 23034 CLMW18
Sample Date: 05/12/2010 **Sample Method:** Grab
Sample Time: 1055

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.003 U	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Submission Number 10050533

Sample Number: 005 **Sample Description:** 23035 CLMW19
Sample Date: 05/12/2010 **Sample Method:** Grab
Sample Time: 1315

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.007 I	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification # E84167

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

Submission Number : 10050533

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Project Name : CENTRAL COUNTY WELLS
Date Received : 05/13/2010
Time Received : 1428

Submission Number 10050533

Sample Number: 001
Sample Date: 05/12/2010
Sample Time: 1650
Sample Description: 23031 CLMW15
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.085 I	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.057	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Submission Number 10050533

Sample Number: 002
Sample Date: 05/13/2010
Sample Time: 0804
Sample Description: 23032 CLMW16
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date	Analysis Time	Analyst
NITRATE NITROGEN	0.05 U	MG/L	0.05	0.20	353.2	05/13/2010	16:58	RK/AG
NITRATE+NITRITE AS N	0.05 U	MG/L	0.05	0.20	353.2	05/17/2010	12:00	AG
NITRITE NITROGEN	0.045	MG/L	0.003	0.012	SM4500NO2B	05/13/2010	16:58	RK

Form FD 9000-24

GROUNDWATER SAMPLING LOG

351579 015

SITE NAME: Central County Solid Waste Disposal	SITE LOCATION: 4000 Knights Trail Road	
WELL NO: ~~CW-10~~ (22885) CW-10R mw	SAMPLE ID:	DATE: 5.11.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 4.8 feet to 14.8 feet	STATIC DEPTH TO WATER (feet): 7.40	PURGE PUMP TYPE OR BAILER: Mastertlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.3 feet – 7.40 feet) X 0.16 gallons/foot = 1.26 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.0	PURGING INITIATED AT: 14:36	PURGING ENDED AT: 16:08	TOTAL VOLUME PURGED (gallons): 6.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:57	1.5	1.5	0.07	8.65	6.19	23.6	2710	1.9 J	38.7	Grayish yellow	Organic
15:11	1.0	2.5	0.07	8.96	6.19	23.3	2640	1.9 J	28.5	Same	Same
15:26	1.0	3.5	0.07	9.10	6.18	22.9	2650	1.8 J	23.0	Same	Same
15:39	1.0	4.5	0.07	9.19	6.19	23.1	2580	1.8 J	21.1	Same	Same
15:54	1.0	5.5	0.07	9.32	6.18	22.9	2550	1.6 J	19.4	Same	Same
16:01	0.5	6.0	0.07	9.35	6.18	22.8	2545	1.6 J	18.8	Same	Same
16:08	0.5	6.5	0.07	9.37	6.18	22.9	2540	1.6 J	17.6	Same	Same
					✓	✓	✓	0.137 mg/M	✓	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston/Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 16:10	SAMPLING ENDED AT: 16:18
PUMP OR TUBING DEPTH IN WELL (feet): 10.0	TUBING MATERIAL CODE: PE,S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) MS (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

See Attached Chain of Custody

WL: 26.982 – 7.42 = 19.562 NGVD

REMARKS: Initial purge water very dark gray. By end of 1st volume, water grayish yellow with fine gray organic particulate. TOC: 26.982 In-situ bladder pump removed during 1st purge volume. Well depth sounded @ end of sampling. Pump reinstalled. J= DO readings estimated

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

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

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

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

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

Revision Date: February 12, 2009

PACE — CHAIN OF CUSTODY RECORD — No. E

Page 1 of 1

35 11579

PACE
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: °C (or Received on Ice, ROI) Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: ~~1301 Cattlemen Rd. Bldg E~~ 1255 T. MABRY CARLTON PKWY
City ~~Sarasota~~ VENICE State Fl. Zip Code ~~34232~~ 34293

Phone: (941) 650-9834
Fax: 941 480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code

Phone: ( ) 941 650-9834
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 8100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Gardner~~ Mike Michael Eggleston

8. Shipping Method:

PO

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

Preservatives Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	12. Time	13. Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other	14. 15. Preservatives	H	C	N	S	C	C	16. Containers	V	V	P	P	P	G	17.	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K,Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl) pthalate	20 REMARK	LAB USE ONLY LAB SAMPLE NO.
MK	~~1~~	~~20585~~	~~CLMW1R~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K		G:Metals App1	
	2	21453 ~~21455~~ MK	CLMW8A	5.10.10	12:56		X	gw																		A,B,C,D	E,F	G	H,H	I,J,K		Ca,Fe,Mg,Hg,K,Na	-1 NO3,NO2 NOX -2
	3	4509	CLMW9	5.10.10	16:22		X	gw																		A,B,C,D	E,F	G	H,H	I,J,K		H:Nutrients: Tot	-2 NO3, NO2 NOX -3
MK	~~4~~	~~4510~~	~~CLMW10R~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K		Ammonia,	
MK	~~5~~	~~20588~~	~~CLMW11R~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K		I,J Bicarb, Carb, Chloride, Sulfate, TDS	
MK	~~6~~	~~20589~~	~~CLMW12R~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K			
MK	~~7~~	~~23031~~	~~CLMW15~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L	Benchmark	
MK	~~8~~	~~23032~~	~~CLMW16~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L	H:Nitrate, Nox	
MK	~~9~~	~~23033~~	CLMW17				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L	K:Nitrite	
MK	~~10~~	~~23034~~	~~CLMW18~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L		
MK	~~11~~	23035	~~CLMW19~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L		
MK	~~12~~	~~23036~~	~~CLMW20~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L		
MK	~~13~~		~~Dup~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L		
MK	~~14~~		~~Eq Blank~~				X	gw																		A,B,C,D	E,F	G	H,H	I,J,K	L		

Please use ADAPT

10050364

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	5.10.10	16:35		5/10/10	16:35
2	5-11-10	1105	Wayne VanCammen	5-11-10	1105
3 Waylette VanCammen	5-11-10	1435		5/11/10	1435
4				5-12-10	8:10
5				5/13/10	1535

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

5-13-10 - 8:10

24 C-6

Revised: 1/99

Sample Condition Upon Receipt Form (SCUR) Table Number: _____

Pace Analytical Client Name: Sarasota Project # 35115579

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☒ B&B ☐ Other _____

Tracking # _____

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

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used L4 L5 (6) **Type of Ice:** (Wet) Blue None

Cooler Temperature 2.4 **(Actual)** (Temp should be above freezing to 6°C)

Date and Initials of person examining contents: (m) 5/14/10

Secondary Review Initials: _____

Receipt of samples satisfactory: ☐ Yes ☐ No **Rush TAT requested on COC:** ☐

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ **Date:** _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other: _____

3511579

CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

Pace, Inc
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: °C (or Received on Ice, ROI) Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: ~~1301 Cattlemen Rd. Bldg E~~ 1255 T. Mabry Carlton Pkwy
City ~~Sarasota~~ Venice State Fl. Zip Code ~~34232~~ 34293
Phone: (941) 650-9834
Fax: 941 480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

3. Client Project Name:
Central County wells

4. Client Project No.:

PO No.: 4100643

6. Custody Seal No.:

7. Sampled By: Michael Eggleston

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14.	S	N	C
15. Preservatives			
16. Containers	P	P	P
17.			

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	11. Time	12. Comp.	12. Grab	13. Water (Codes)	Air	Soil	Sludge	Other	Nutrients Total Ammonia- N	Metals Arsenic, Iron,	Misc. Inorg. TDS	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
1	~~21455~~ 22853	MW-8	5.10.10	14:35		X	gw					A	B	C		
2	~~21456~~	~~GW-9~~				X	gw					A	B	C		
3	~~21510~~	~~GW-10R~~				X	gw					A	B	C		
4		Dup				X	gw					A	B	C		
5		Field blank				X	gw					A	B	C		
6																
7																

Please use ADAPT

-1

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	5.10.10	16:40		5/10/10	16:40
2	5-11-10	1105	Wayne Mc Cammon	5-11-10	1105
3 Wayne Mc Cammon	5-11-10			5-12-10	0910
4	5-13-10	0900		5/13/10	1535

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

30 L-5

Sample Condition Upon Receipt Form (SCUR) able Number:_____

Pace Analytical

Client Name: Sarasota County Project # 35115579

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☒ B&B ☐ Other_____

Tracking # _____

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

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

Thermometer Used L4 (L5) L6 **Type of Ice:** (Wet) Blue None

Cooler Temperature 3.0 **(Actual)** (Temp should be above freezing to 6°C)

Date and Initials of person examining contents: 5-14-10 SL

Secondary Review Initials: _____

Receipt of samples satisfactory: ☒ Yes ☐ No **Rush TAT requested on COC:** ☐

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ **Date:** _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other:_____

PACE

8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E 3511579 Page 1 of 1

FOR LAB USE ONLY L-5
Temp. of Contents: 13 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: Michael Eggleston / Andamar

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14. 15. Preservatives S N C
16. Containers P P P
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	11. Time	12. Comp.	12. Grab	13. Water (Codes)	13. Air	13. Soil	13. Sludge	13. Other	Nutrients Total Ammonia-N	Metals Arsenic, Iron	Miscellaneous Inorgs: TDS	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
~~1~~	~~22883~~	~~CW8~~				~~X~~	~~gw~~					~~A~~	~~B~~	~~C~~		
2	22884	CW9	5.11.10	10:26		X	gw					A	B	C		
3	22885	CW10R	5.11.10	16:18		X	gw					A	B	C		
5		DUP	5.11.10									A	B	C		
6		Field Blank	5.11.10									A	B	C		

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1 Michael Eggleston	5.12.10	09:27		5/12/10	9.27
2	5/12/10	1045	Wayne Ver Cammen	5-12-10	1045
3 Wayne Ver Cammen	5-12-10			5-14-10	0920
4	5-14-10	0920		5/14/10	1510

FOR LAB USE ONLY
Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.:
Quote No.:

Sample Condition on Receipt Form (SCUR) Table Number:_____

Pace Analytical Client Name: Sarasota Cty Project # 3511579

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☒ B&B ☐ Other_____

Tracking # _____

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

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

Thermometer Used L4 (L5) L6 **Type of Ice:** Wet Blue None

Cooler Temperature 4.3 **(Actual)** (Temp should be above freezing to 6°C)

Receipt of samples satisfactory: ☐Yes ☐No

Rush TAT requested on COC: ☐

Date and Initials of person examining contents:_____

Secondary Review Initials:_____

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ **Date:** _____

Finished Product Information Only

F.P. Sample ID:_____

Production Code:_____

Date/Time Opened:_____

Number of Unopened Bottles Remaining:_____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other:_____

PACE
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E 3511579 Page 1 of 2

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: 13 °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Cardinal~~ Michael Eggleston

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14.

15. Preservatives	H	C	N	S	C	C		
16. Containers	V	V	P	P	P	G		
17.								

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Please use Adapt

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl pthalate			20. REMARK	LAB USE ONLY LAB SAMPLE NO.
012 1	20585	CLMW1R	5.11.10	11:55		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K				G:Metals App1	1 - NO_2 NO_x NO_3 12
~~1~~	~~21453~~	~~CLMW8A~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K				Ammonia,	
~~1~~	~~4509~~	~~CLMW9~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K				I,J Bicarb, Carb, Chloride, Sulfate, TDS	
013 2	4510	CLMW10R	5.11.10	14:08		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K				Benchmark	2 - NO_2 NO_x NO_3
~~4~~	~~23031~~	~~CLMW15~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			K:Nitrite	
~~5~~	~~23032~~	~~CLMW16~~				X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			NO_2, NO_x, NO_3	

10050420
~~10050420~~

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1 Michael Eggleston	5-12-10	09:27	[signature]	5/12/10	9:27
2 [signature]	5/12/10	1045	Wayne Ver Cammen	5-12-10	1045
3 Wayne Ver Cammen	5-12-10	1420	Aspen ML	5-12-10	1420
4 Aspen ML	5-14-10	0900	[signature]	5-14-10	0900
5 [signature]	5-14-10	0920	[signature]	5/14/10	1510

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

Sample Condition Upon Receipt Form (SCUR) Table Number:_____

Pace Analytical Client Name: Sarasota Project #_____

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☒ B&B ☐ Other_____

Tracking # _____

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

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

Thermometer Used (L4) L5 L6 **Type of Ice:** (Wet) Blue None

Cooler Temperature 3.3 **(Actual)** (Temp should be above freezing to 6°C)

Date and Initials of person examining contents: 5-14-10 DL

Secondary Review Initials: _____

Receipt of samples satisfactory: ☐Yes ☐No **Rush TAT requested on COC:** ☐

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ **Date:** _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other:_____

PACE
8 East Tower Circle
Ormond Beach, FL 32174
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(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E 3511579 Page 1 of 2

FOR LAB USE ONLY
Temp. of Contents: 13 L5 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Cardinal~~ MA [signature]

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14.								
15. Preservatives	H	C	N	S	C	C		
16. Containers	V	V	P	P	P	G		
17.								

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Please use Adapt

833 #1

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl pthalate			20. REMARK	LAB USE ONLY LAB SAMPLE NO. 1005 0533
MA ~~1~~	~~20585~~	~~CLMW1R~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				G:Metals App1	
MA ~~1~~	~~21453~~	~~CLMW8A~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				Ammonia,	
MA ~~1~~	~~4509~~	~~CLMW9~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				I,J Bicarb, Carb, Chloride, Sulfate, TDS	
MA ~~2~~	~~4510~~	~~CLMW10R~~				X	gw					A,B,C,D	E,F	G	H,H	I,J,K				Benchmark	
004 4	23031	CLMW15	5.12.10	16:50		X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L			K:Nitrite	1 - NOx NO2 NO3
005 5	23032	CLMW16	5.13.10	08:04		X	gw					A,B,C,D	E,F	G	H,H	I,J,K	L			NO2, NO3, NO2	NOx NO2 NO3

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1 [signature]	5.13.10	10:05	[signature]	5/13/10	10:05
2 [signature]	5/13/10	10:35	[signature]	5-13-10	1035
3 [signature]	5-13-10	1428	[signature]	5-13-10	1428
4 [signature]	5-14-10	0900	[signature]	5-14-10	0900
5 [signature]	5-14-10	0920	[signature]	5/14/10	1510

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

3511579

PACE
8 East Tower Circle
Ormond Beach, FL 32174
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(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E

Page 2 of 2

FOR LAB USE ONLY
Temp. of Contents: 1.3 °C (or Received on Ice, ROI) L-5
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: ~~Larry Cardinal~~ [signature]

8. Shipping Method:

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14.

15. Preservatives	H	C	N	S	C	C	
16. Containers	V	V	P	P	P	G	

17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's APP I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K,Na	Nutrients App I	Miscellaneous Inorgs App I	bis (2 ethylhexyl pthalate			20. REMARK	LAB USE ONLY LAB SAMPLE NO.
6	23033	CLMW17	5-13-10	9:18		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K				G:Metals App1	3 NOx NO2 NO3
7	23034	CLMW18	5-12-10	10:55		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			Ammonia,	4 NOx NO2 NO3
8	23035	CLMW19	5-12-10	13:15		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			I,J Bicarb, Carb, Chloride, Sulfate, TDS	5 NO3 NO2 NOx
9	23036	CLMW20	5-12-10	14:57		X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			Benchmark	6 NOx NO2 NO3
10		Dup	5-12-10			X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			H':Nitrate, Nox	7 NOx NO2 NO3
11		Eq Blank	5-12-10			X	gw					A,B,C,D	E,F	G	H,H'	I,J,K	L			K:Nitrite	8 NOx NO2 NO3

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1 [signature]	5-13-10	10:05	[signature]	5/13/10	10:05
2 [signature]	5/13/10	10:35	[signature]	5-13-10	1035
3 [signature]	5-13-10	1428	[signature]	5/13/10	1428
4 [signature]	5/14/10	0720	[signature]	5-14-10	0720

Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Please use Adapt

006
007
008
009
010
011