FILE

SARASOTA COUNTY

"Dedicated to Quality Service"

June 26, 2010

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

RE: Central County Solid Waste Disposal Complex, Phase II Construction Certification Construction Details/Initial Sampling Results for New Detection Wells [Responses to RAI #1], Memorandum dated June 10, 2010 from John R. Morris, P.G.

Dear John:

Below are Sarasota County's responses to the memorandum dated June 10, 2010 in regards to Certification of Phase II.

3. **Specific Conditions #E.4./#E.4.b.** [results of initial sampling event]
Information Submitted:
The response letter referred to the table entitled "Ground Water Analytical Data Summary – Detects (revised 4/6/10)," for the results of the June/July 2009 sampling event, provided in Attachment J.

The HDR Engineering, Inc., letter dated April 9, 2010 referred to revised Certificates of Analysis prepared by PEL for the sampling events conducted between June 30, 2009 and July 9, 2009 at wells MW-15 through MW-20, provided in Attachment I.

- Parameters reported at lower detection limits that demonstrated compliance with the established ground water standard or ground water minimum criterion included:
  - 1,2-dibromo-3-chloropropane
  - Pentachlorophenol

- Parameters previously omitted that were added to the revised Certificates of Analysis included:
  - Bromochloromethane
  - cis-1,2-dichloroethene
  - 1,3-dichloropropane
  - 2,2-dichloropropane
  - 1,1-dichloropropene

The HDR Engineering, Inc., letter dated May 25, 2010 referred to the Analytical Report prepared by Xenco Laboratories for the supplemental sampling event conducted April 15, 2010 at wells MW-15 through MW-20.

- Parameters reported at lower detection limits that demonstrated compliance with the established ground water standard or ground water minimum criterion included:
  - Benzo(a)anthracene
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene
  - Benzo(k)fluoranthene

- Chlorobenzilate
- Diallate
- Dibenz(a,h)anthracene
- Disulfoton
- Indeno(1,2,3-cd)pyrene
- Kepone
- 3- & 4-methyl phenol
- Pentachloronitrobenzene
- Thallium

- Parameters previously omitted that were added to in the Analytical Report included:
  - Sulfide
  - Polychlorinated biphenyls

[Comment #3, continued]

Deficiency: An elevated method detection limit for 2,4-dinitrotoluene was reported for samples collected from wells MW-15 through MW-20 for both the June/July 2009 and the April 2010 sampling events. The method detection limits reported for this parameter did not demonstrate compliance with ground water minimum criteria [Chapter 62-777, F.A.C., Table I], as follow:

- 2,4-dinitrotoluene
  - Ground water minimum criterion @ 0.05 µg/L
  - Practical quantitation limit (PQL) presented in Table C of DEP document "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits," dated October 12, 2004 @ 0.2 µg/L
  - Method Detection Limit reported by PEL for the June/July 2009 sampling event @ 3.1 µg/L
  - Method Detection Limit reported by Xenco for the April 2010 sampling event @ 0.31 µg/L

Corrective Actions: Please coordinate with the laboratory to determine if the results for the April 2010 supplemental sampling event can be reported at a lower detection limit to demonstrate compliance with the PQL established for 2,4-dinitrotoluene [0.2 µg/L]. In the event that the laboratory can report this parameter at a lower detection limit, please submit a revised report of results. If this parameter cannot be reported at a sufficiently lower detection limit, please conduct a supplemental sampling event using an appropriate analytical method and submit the results with the responses to these comments.

The letter prepared by Sarasota County dated December 10, 2009 indicated that as the analysis of bis(2-ethyl hexyl) phthalate was reported at concentrations that exceeded the ground water minimum criterion in five of the six new wells, the analysis of this parameter will be included in the next routine sampling event for confirmation purposes. The results of the routine sampling event conducted during the first half of 2010 at the facility have not been received by the Department to date.

No response was provided regarding the intention to conduct a resampling event to confirm the exceedances reported for aluminum, arsenic, iron, manganese, sodium, ammonia, chloride, sulfate, TDS or dieldrin.

COUNTY RESPONSE:

The county contacted Xenco Laboratories to obtain a revised report for 2,4-dinitrotolune utilizing a lower Method Detection Limit. The laboratory was able to provide data at a Method Detection Limit of 0.170 µg/L. The revised report for wells MW-15 through MW-20 is enclosed for review.

The results for the samples collected on May 12 and May 13 from wells, MW-15, MW-16, MW-18, MW-19 and MW-20 were non-detected for the parameter of bis(2-ethyl hexyl) phthalate. The Pace Analytical report is enclosed for review.

Well MW-17 was resampled on June 18 for dieldrin and the result was non-detect. A copy of Pace Analytical report has been enclosed for review.

TABLE 2. Groundwater Analytical Data Summary – Detects (Revised 04/06/10)from Ardaman & Associates has been modified to provide a summary of sampling event exceedences that have been conducted on wells MW-15 through MW-20 for your review.

4. **Specific Condition #E.5.d.** [surveyed drawing showing wells and piezometers horizontally located in degrees, minutes and seconds of latitude and longitude]
   Information Submitted : The response letter referred to "Site Survey Drawing" that was revised to include latitude and longitude coordinates for the monitor wells, piezometers and staff gauges at the facility, provided in Attachment K.

   Deficiency: The revised "Site Survey Drawing" was not signed/sealed by a Florida Licensed Professional Surveyor and Mapper.

   Corrective Actions: Please submit a signed/sealed copy of the revised "Site Survey Drawing."

COUNTY RESPONSE:

A signed and sealed site survey dated June 11, 2010 is enclosed.

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

Sincerely,

Lois E. Rose

Lois Rose,
Manager, Solid Waste

enc

Analytical Report 369432

for

Ardaman & Associates

Project Manager: Chip Hoover

SARASOTA CENTRAL LANDFILL COMPLEX

51614

28-JUN-10

Florida Testing Services, LLC

Genapure Analytical Services, Inc.

Xenco Laboratories
2505 N. Falkenburg Rd.

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

28-JUN-10

Project Manager: **Chip Hoover**
Ardaman & Associates
78 Sarasota Center Blvd.
Sarasota, FL 34240

Reference: XENCO Report No: **369432**
SARASOTA CENTRAL LANDFILL COMPLEX
Project Address: SARASOTA CENTRAL LANDFILL COMPLEX

Chip Hoover:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 369432. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 369432 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Michelle B. Williams
Project Manager

Case Narrative

Genapure-Xenco WO #:	369432
Client:	Ardaman
Client Project ID:	SCCSWF
Date:	05/05/10

For samples that were extracted for method SW8151 Herbicide analysis between 4/21/10 and 4/26/10, the surrogate solution that was used contained the methyl ester form of DCAA instead of the acid form. This resulted in surrogates being recovered outside the calculated control limits. The LCS and MS/MSD spiked compounds were within control limits.

The samples could not be re-extracted with another surrogate solution as there was insufficient volume to re-extract or the samples were out of hold time. The data was reported and flagged to reflect poor surrogate recovery.

Sherree Baker
QA/QC Manager
Xenco Laboratories

Houston	11381 Meadowglen Lane-Suite L, Houston TX 77082	Phone:281 589 0692	Fax:281 589 0695
Dallas	9701 Harry Hines Blvd. Dallas TX 75220	214 902 0300	214 351 9139
San Antonio	5332 Blackberry Drive, San Antonio TX 78238	210 509 3334	210 509 3335
Miami	5757 NW 158th St, Miami Lakes FL 33014	305 823 8500	305 823 8555
Boca Raton	3231 NW 7th Avenue, Boca Raton FL 33431	561 447 7373	561 447 6136
Tampa	2505 North Falkenburg Rd, Tampa FL 33619	813 620 2000	813 620 2033

XENCO Laboratories
Florida Testing Services, LLC

Sample Cross Reference 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-15	W	Apr-15-10 14:07		369432-001
MW-16	W	Apr-15-10 09:02		369432-002
MW-17	W	Apr-15-10 10:33		369432-003
MW-18	W	Apr-15-10 13:00		369432-004
MW-19	W	Apr-15-10 15:50		369432-005
MW-20	W	Apr-15-10 16:56		369432-006

XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-15**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-001**	Date Collected: **Apr-15-10 14:07**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 10:34	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 10:34	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 10:34	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 10:34	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/24/10 23:03	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:05	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 19:32	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 19:32	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

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Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-15**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-001**	Date Collected: **Apr-15-10 14:07**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 03:38	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 03:38	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 03:38	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 03:38	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 03:38	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 03:38	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/20/10 14:55	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/20/10 14:55	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/20/10 14:55	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/20/10 14:55	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/20/10 14:55	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/20/10 14:55	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/20/10 14:55	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	25.0	5.00	mg/L	04/19/10 14:30	U	5

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-16**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-002**	Date Collected: **Apr-15-10 09:02**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 10:52	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 10:52	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 10:52	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 10:52	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/25/10 00:06	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:13	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 19:57	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 19:57	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-16**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-002**	Date Collected: **Apr-15-10 09:02**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 03:56	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 03:56	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 03:56	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 03:56	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 03:56	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 03:56	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/20/10 15:21	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/20/10 15:21	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/20/10 15:21	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/20/10 15:21	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/20/10 15:21	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/20/10 15:21	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/20/10 15:21	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	50.0	10.0	mg/L	04/19/10 14:30	U	10

Project: Florida Standard List of Methods

XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-17**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-003**	Date Collected: **Apr-15-10 10:33**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 11:10	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 11:10	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 11:10	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 11:10	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/25/10 00:38	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:21	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 20:21	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 20:21	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

Project: Florida Standard List of Methods

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Florida Testing Services, LLC

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Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-17**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-003**	Date Collected: **Apr-15-10 10:33**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 04:14	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 04:14	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 04:14	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 04:14	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 04:14	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 04:14	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/20/10 15:47	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/20/10 15:47	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/20/10 15:47	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/20/10 15:47	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/20/10 15:47	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/20/10 15:47	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/20/10 15:47	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	50.0	10.0	mg/L	04/19/10 14:30	U	10

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-18**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-004**	Date Collected: **Apr-15-10 13:00**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 11:28	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 11:28	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 11:28	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 11:28	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/25/10 01:09	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:29	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 20:46	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 20:46	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-18**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-004**	Date Collected: **Apr-15-10 13:00**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 04:32	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 04:32	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 04:32	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 04:32	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 04:32	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 04:32	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/20/10 16:13	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/20/10 16:13	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/20/10 16:13	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/20/10 16:13	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/20/10 16:13	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/20/10 16:13	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/20/10 16:13	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	25.0	5.00	mg/L	04/19/10 14:30	U	5

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-19**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-005**	Date Collected: **Apr-15-10 15:50**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 11:46	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 11:46	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 11:46	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 11:46	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/25/10 01:41	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:36	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 21:10	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 21:10	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-19**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-005**	Date Collected: **Apr-15-10 15:50**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 04:50	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 04:50	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 04:50	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 04:50	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 04:50	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 04:50	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/20/10 16:39	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/20/10 16:39	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/20/10 16:39	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/20/10 16:39	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/20/10 16:39	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/20/10 16:39	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/20/10 16:39	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	50.0	10.0	mg/L	04/19/10 14:30	U	10

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-20**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-006**	Date Collected: **Apr-15-10 16:56**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: Appendix II SVOCs by SW846 8270C — Prep Method: SW3510C

Analyst: THB — Date Prep: Apr-19-10 17:22 — Tech: HEA
Seq Number: 803985 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	04/27/10 12:05	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	04/27/10 12:05	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	04/27/10 12:05	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	04/27/10 12:05	U	1

Analytical Method: Chlorinated Herbicides by SW-846 8151A — Prep Method: SW8151A_EXT

Analyst: MIS — Date Prep: Apr-21-10 14:00 — Tech: JSL
Seq Number: 804014 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	04/25/10 02:12	UJ2	1

Analytical Method: Metals per ICP-MS by SW 6020A — Prep Method: SW3010A

Analyst: DAF — Date Prep: Apr-20-10 08:38 — Tech: TIB
Seq Number: 803476 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	04/23/10 05:44	U	1

Analytical Method: Organochlorine Pesticides by EPA 8081A — Prep Method: SW3510C

Analyst: CIC — Date Prep: Apr-19-10 16:00 — Tech: ROR
Seq Number: 803972 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.002	ug/L	04/21/10 21:35	U	1
Kepone	143-50-0	U	0.5000	0.0722	ug/L	04/21/10 21:35	U	1

Analytical Method: Organophosphorus Pesticides by SW846 8141A — Prep Method: SW3510C

Analyst: LER — Date Prep: Apr-20-10 16:00 — Tech: ROR
Seq Number: 805091 — SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	05/04/10 14:19	U	1

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SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **MW-20**	Matrix: **Water**	% Moisture:
Lab Sample Id: **369432-006**	Date Collected: **Apr-15-10 16:56**	
	Date Received: **Apr-16-10 10:52**	

Analytical Method: PAHs by SW846 8270C — Prep Method: SW3510C

Analyst: RCR — Date Prep: Apr-20-10 19:00 — Tech: LWE

Seq Number: 803727 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	04/22/10 05:08	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	04/22/10 05:08	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	04/22/10 05:08	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	04/22/10 05:08	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	04/22/10 05:08	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	04/22/10 05:08	U	1

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3510C

Analyst: JAN — Date Prep: Apr-20-10 04:00 — Tech: ROR

Seq Number: 803430 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	04/21/10 14:03	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	04/21/10 14:03	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	04/21/10 14:03	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	04/21/10 14:03	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	04/21/10 14:03	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	04/21/10 14:03	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	04/21/10 14:03	U	1

Analytical Method: Sulfide by SM4500-S-F — Prep Method:

Analyst: ARM — Date Prep: — Tech: ARM

Seq Number: 803060 — SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Sulfide, total	105-05-2	U	10.0	2.00	mg/L	04/19/10 14:30	U	2

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FLORIDA Flagging Criteria

A Value reported is the mean (average) of two or more determinations. This code shall be used if the reported value is the average of results for two or more discrete and separate samples. These samples shall have been processed and analyzed independently. Do not use this code if the data are the result of replicate analysis on the same sample aliquot, extract or digestate.

B Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts. The code is to be used if the colony count is generated from a plate in which the total number of coliform colonies is outside the method indicated ideal range. This code is not to be used if a 100 mL sample has been filtered and the colony count is less than the lower value of the ideal range.

F When reporting species: F indicates the female sex. Otherwise it indicates RPD value is outside the acceptable range.

H Value based on field kit determination; results may not be accurate. This code shall be used if a field screening test (i.e., field gas chromatograph data, immunoassay, vendor-supplied field kit, etc.) was used to generate the value and the field kit or method has not been recognized by the Department as equivalent to laboratory methods.

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J Estimated value. A "J" value shall be accompanied by a narrative justification for its use. Where possible, the organization shall report whether the actual value is less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V, or Y, however, if additional reasons exist for identifying the value as estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. The following are some examples of narrative descriptions that may accompany a "J" code: .

J1: No known quality control criteria exist for the component;

J2: The reported value failed to meet the established quality control criteria for either precision or accuracy (the specific failure must be identified);

J3: The sample matrix interfered with the ability to make any accurate determination;

J4: The data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample).

J5: The field calibration verification did not meet calibration acceptance criteria.

J6: QC protocol not followed.

J7: B/A results for Chlorophyll does not meet 1 - 1.7 ratio.

K Off-scale low. Actual value is known to be less than the value given. This code shall be used if:

1. The value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or

2. The value is known to be less than the reported value based on sample size, dilution. This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.

L Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.

M When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than the method detection limit. If the value is less than the method detection limit use "T" below.

N Presumptive evidence of presence of material. This qualifier shall be used if:

1. The component has been tentatively identified based on mass spectral library search; or

2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).

O Sampled, but analysis lost or not performed.

Q Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.

T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.

U Indicates that the compound was analyzed for but not detected. This symbolshall be used to indicate that the specified component was not detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" above).

V Indicates that the analyte was detected in both the sample and the associated method blank. Note: the value in the blank shall not be subtracted from associated samples.

Flagging Criteria

Y The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.

Z Too many colonies were present (TNTC); the numeric value represents the filtration volume.

? Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.

* Not reported due to interference.

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The following codes deal with certain aspects of field activities. The codes shall be used if the laboratory has knowledge of the specific sampling event. The codes shall be added by the organization collecting samples if they apply:

D The sample result was reported from a dilution.

E Indicates that extra samples were taken at composite stations.

R Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of 1/2 inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.

! Data deviate from historically established concentration ranges.

\+ Outside XENCO's scope of NELAC accreditation

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803985 **Sample:** 561111-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 19:01

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	34.0	50.0	68	19-126	
2-Fluorophenol	42.6	100	43	28-62	
Nitrobenzene-d5	35.0	50.0	70	8-130	
Terphenyl-D14	42.6	50.0	85	27-133	
2,4,6-Tribromophenol	80.8	100	81	48-132	
Phenol-d6	28.6	100	29	10-59	

Lab Batch #: 803985 **Sample:** 561111-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 19:18

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	33.5	50.0	67	19-126	
2-Fluorophenol	43.9	100	44	28-62	
Nitrobenzene-d5	32.7	50.0	65	8-130	
Terphenyl-D14	40.5	50.0	81	27-133	
2,4,6-Tribromophenol	76.7	100	77	48-132	
Phenol-d6	33.1	100	33	10-59	

Lab Batch #: 803985 **Sample:** 369708-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 19:34

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	31.9	50.0	64	19-126	
2-Fluorophenol	39.5	100	40	28-62	
Nitrobenzene-d5	30.2	50.0	60	8-130	
Terphenyl-D14	38.4	50.0	77	27-133	
2,4,6-Tribromophenol	75.0	100	75	48-132	
Phenol-d6	29.8	100	30	10-59	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803985 **Sample:** 369708-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 19:50

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	33.3	50.0	67	19-126	
2-Fluorophenol	43.8	100	44	28-62	
Nitrobenzene-d5	32.4	50.0	65	8-130	
Terphenyl-D14	40.4	50.0	81	27-133	
2,4,6-Tribromophenol	80.9	100	81	48-132	
Phenol-d6	33.0	100	33	10-59	

Lab Batch #: 803985 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 10:34

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	34.4	50.0	69	19-126	
2-Fluorophenol	42.6	100	43	28-62	
Nitrobenzene-d5	33.1	50.0	66	8-130	
Terphenyl-D14	41.5	50.0	83	27-133	
2,4,6-Tribromophenol	82.5	100	83	48-132	
Phenol-d6	29.3	100	29	10-59	

Lab Batch #: 803985 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 10:52

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	32.7	50.0	65	19-126	
2-Fluorophenol	35.7	100	36	28-62	
Nitrobenzene-d5	32.9	50.0	66	8-130	
Terphenyl-D14	37.7	50.0	75	27-133	
2,4,6-Tribromophenol	77.3	100	77	48-132	
Phenol-d6	23.1	100	23	10-59	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803985 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 11:10

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	33.6	50.0	67	19-126	
2-Fluorophenol	39.1	100	39	28-62	
Nitrobenzene-d5	32.8	50.0	66	8-130	
Terphenyl-D14	41.1	50.0	82	27-133	
2,4,6-Tribromophenol	82.8	100	83	48-132	
Phenol-d6	25.9	100	26	10-59	

Lab Batch #: 803985 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 11:28

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	29.4	50.0	59	19-126	
2-Fluorophenol	29.3	100	29	28-62	
Nitrobenzene-d5	27.9	50.0	56	8-130	
Terphenyl-D14	39.7	50.0	79	27-133	
2,4,6-Tribromophenol	76.1	100	76	48-132	
Phenol-d6	18.8	100	19	10-59	

Lab Batch #: 803985 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 11:46

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	27.9	50.0	56	19-126	
2-Fluorophenol	26.0	100	26	28-62	**
Nitrobenzene-d5	26.5	50.0	53	8-130	
Terphenyl-D14	30.7	50.0	61	27-133	
2,4,6-Tribromophenol	67.0	100	67	48-132	
Phenol-d6	17.2	100	17	10-59	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432, **Project ID:** 51614

Lab Batch #: 803985 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/27/10 12:05

Appendix II SVOCs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	32.7	50.0	65	19-126	
2-Fluorophenol	36.0	100	36	28-62	
Nitrobenzene-d5	31.3	50.0	63	8-130	
Terphenyl-D14	41.8	50.0	84	27-133	
2,4,6-Tribromophenol	81.1	100	81	48-132	
Phenol-d6	23.0	100	23	10-59	

Lab Batch #: 804014 **Sample:** 561107-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/24/10 18:20

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.334	10.00	13	46-142	J2

Lab Batch #: 804014 **Sample:** 561107-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/24/10 18:52

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.920	10.00	19	46-142	J2

Lab Batch #: 804014 **Sample:** 369708-003 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/24/10 19:23

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.810	10.00	18	46-142	J3

Lab Batch #: 804014 **Sample:** 369708-003 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/24/10 19:54

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	2.130	10.00	21	46-142	J3

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 804014 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/24/10 23:03

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.350	10.00	14	46-142	J3

Lab Batch #: 804014 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/25/10 00:06

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.550	10.00	16	46-142	J3

Lab Batch #: 804014 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/25/10 00:38

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.620	10.00	16	46-142	J3

Lab Batch #: 804014 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/25/10 01:09

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.640	10.00	16	46-142	J3

Lab Batch #: 804014 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/25/10 01:41

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.460	10.00	15	46-142	J3

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 804014 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/25/10 02:12

Chlorinated Herbicides by SW-846 8151A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	1.830	10.00	18	46-142	J3

Lab Batch #: 803972 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 19:32

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1020	0.1000	102	0-165	**
Tetrachloro-m-xylene	0.0940	0.1000	94	0-137	**

Lab Batch #: 803972 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 19:57

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0940	0.1000	94	0-165	**
Tetrachloro-m-xylene	0.0730	0.1000	73	0-137	**

Lab Batch #: 803972 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 20:21

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0770	0.1000	77	0-165	**
Tetrachloro-m-xylene	0.0820	0.1000	82	0-137	**

Lab Batch #: 803972 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 20:46

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0930	0.1000	93	0-165	**
Tetrachloro-m-xylene	0.0830	0.1000	83	0-137	**

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803972 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 21:10

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0920	0.1000	92	0-165	**
Tetrachloro-m-xylene	0.1090	0.1000	109	0-137	**

Lab Batch #: 803972 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 21:35

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0980	0.1000	98	0-165	**
Tetrachloro-m-xylene	0.1060	0.1000	106	0-137	**

Lab Batch #: 803972 **Sample:** 561056-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/23/10 11:11

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.0933	0.1000	93	25-165	
Tetrachloro-m-xylene	0.0866	0.1000	87	32-137	

Lab Batch #: 803972 **Sample:** 561056-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/23/10 11:37

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1288	0.1000	129	25-165	
Tetrachloro-m-xylene	0.1091	0.1000	109	32-137	

Lab Batch #: 803972 **Sample:** 369652-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/23/10 12:03

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1733	0.2000	87	25-165	
Tetrachloro-m-xylene	0.1729	0.2000	86	32-137	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803972 **Sample:** 369652-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/23/10 12:27

Organochlorine Pesticides by EPA 8081A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1997	0.2000	100	25-165	
Tetrachloro-m-xylene	0.2150	0.2000	108	32-137	

Lab Batch #: 805091 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.33	2.00	117	44-125	
Triphenylphosphate	2.17	2.00	109	43-134	

Lab Batch #: 805091 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	1.27	2.00	64	44-125	
Triphenylphosphate	1.30	2.00	65	43-134	

Lab Batch #: 805091 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	1.89	2.00	95	44-125	
Triphenylphosphate	2.00	2.00	100	43-134	

Lab Batch #: 805091 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	1.73	2.00	87	44-125	
Triphenylphosphate	1.72	2.00	86	43-134	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 805091 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.33	2.00	117	44-125	
Triphenylphosphate	2.35	2.00	118	43-134	

Lab Batch #: 805091 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	1.98	2.00	99	44-125	
Triphenylphosphate	1.89	2.00	95	43-134	

Lab Batch #: 805091 **Sample:** 369708-002 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.64	2.00	132	44-125	J3
Triphenylphosphate	2.35	2.00	118	43-134	

Lab Batch #: 805091 **Sample:** 369708-002 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.01	2.00	101	44-125	
Triphenylphosphate	1.99	2.00	100	43-134	

Lab Batch #: 805091 **Sample:** 561108-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.01	2.00	101	44-125	
Triphenylphosphate	1.81	2.00	91	43-134	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 805091 **Sample:** 561108-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 05/04/10 14:19

Organophosphorus Pesticides by SW846 8141A Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tributyl Phosphate	2.34	2.00	117	44-125	
Triphenylphosphate	2.26	2.00	113	43-134	

Lab Batch #: 803727 **Sample:** 561067-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 01:14

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	2.04	5.00	41	10-116	
Nitrobenzene-d5	1.79	5.00	36	10-112	
Terphenyl-D14	3.26	5.00	65	20-128	

Lab Batch #: 803727 **Sample:** 561067-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 01:33

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.74	5.00	35	10-116	
Nitrobenzene-d5	1.56	5.00	31	10-112	
Terphenyl-D14	2.15	5.00	43	20-128	

Lab Batch #: 803727 **Sample:** 369652-005 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 01:51

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	2.59	5.00	52	10-116	
Nitrobenzene-d5	2.45	5.00	49	10-112	
Terphenyl-D14	3.88	5.00	78	20-128	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803727 **Sample:** 369652-005 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 02:09

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	3.12	5.00	62	10-116	
Nitrobenzene-d5	2.86	5.00	57	10-112	
Terphenyl-D14	4.05	5.00	81	20-128	

Lab Batch #: 803727 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 03:38

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.45	5.00	29	10-116	
Nitrobenzene-d5	1.41	5.00	28	10-112	
Terphenyl-D14	1.09	5.00	22	20-128	

Lab Batch #: 803727 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 03:56

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.31	5.00	26	10-116	
Nitrobenzene-d5	1.30	5.00	26	10-112	
Terphenyl-D14	1.25	5.00	25	20-128	

Lab Batch #: 803727 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 04:14

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.62	5.00	32	10-116	
Nitrobenzene-d5	2.07	5.00	41	10-112	
Terphenyl-D14	1.00	5.00	20	20-128	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803727 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 04:32

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.18	5.00	24	10-116	
Nitrobenzene-d5	1.08	5.00	22	10-112	
Terphenyl-D14	2.05	5.00	41	20-128	

Lab Batch #: 803727 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 04:50

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.867	5.00	17	10-116	
Nitrobenzene-d5	0.815	5.00	16	10-112	
Terphenyl-D14	0.843	5.00	17	20-128	**

Lab Batch #: 803727 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/22/10 05:08

PAHs by SW846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1.56	5.00	31	10-116	
Nitrobenzene-d5	1.47	5.00	29	10-112	
Terphenyl-D14	2.13	5.00	43	20-128	

Lab Batch #: 803430 **Sample:** 561052-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 11:07

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.132	0.100	132	45-162	
Tetrachloro-m-xylene	0.101	0.100	101	50-125	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803430 **Sample:** 561052-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 11:34

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.127	0.100	127	45-162	
Tetrachloro-m-xylene	0.098	0.100	98	50-125	

Lab Batch #: 803430 **Sample:** 369652-003 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 12:01

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.114	0.100	114	45-162	
Tetrachloro-m-xylene	0.086	0.100	86	50-125	

Lab Batch #: 803430 **Sample:** 369652-003 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 12:28

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.129	0.100	129	45-162	
Tetrachloro-m-xylene	0.092	0.100	92	50-125	

Lab Batch #: 803430 **Sample:** 369432-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 14:55

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.149	0.100	149	45-162	
Tetrachloro-m-xylene	0.109	0.100	109	50-125	

Lab Batch #: 803430 **Sample:** 369432-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 15:21

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.156	0.100	156	45-162	
Tetrachloro-m-xylene	0.110	0.100	110	50-125	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Orders : 369432,

Project ID: 51614

Lab Batch #: 803430 **Sample:** 369432-003 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 15:47

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.155	0.100	155	45-162	
Tetrachloro-m-xylene	0.110	0.100	110	50-125	

Lab Batch #: 803430 **Sample:** 369432-004 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 16:13

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.132	0.100	132	45-162	
Tetrachloro-m-xylene	0.090	0.100	90	50-125	

Lab Batch #: 803430 **Sample:** 369432-005 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/20/10 16:39

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.156	0.100	156	45-162	
Tetrachloro-m-xylene	0.113	0.100	113	50-125	

Lab Batch #: 803430 **Sample:** 369432-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 04/21/10 14:03

PCBs by EPA 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.112	0.100	112	45-162	
Tetrachloro-m-xylene	0.092	0.100	92	50-125	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561052-1-BLK** Matrix: **WATER**
Lab Sample Id: **561052-1-BLK**

Analytical Method: PCBs by EPA 8082 Prep Method: SW3510C

Date Analyzed: Apr-20-10 11:07 Analyst: JAN Date Prep: Apr-20-10 04:00 Tech: ROR
Seq Number: 803430 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.500	0.117	ug/L	U	1
PCB-1221	11104-28-2	U	0.500	0.014	ug/L	U	1
PCB-1232	11141-16-5	U	0.500	0.190	ug/L	U	1
PCB-1242	53469-21-9	U	0.500	0.100	ug/L	U	1
PCB-1248	12672-29-6	U	0.500	0.009	ug/L	U	1
PCB-1254	11097-69-1	U	0.500	0.014	ug/L	U	1
PCB-1260	11096-82-5	U	0.500	0.016	ug/L	U	1

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561056-1-BLK** Matrix: **WATER**
Lab Sample Id: **561056-1-BLK**

Analytical Method: Organochlorine Pesticides by EPA 8081A Prep Method: SW3510C

Date Analyzed: Apr-23-10 11:11 Analyst: CIC Date Prep: Apr-19-10 16:00 Tech: ROR
Seq Number: 803972 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Chlorobenzilate	510-15-6	U	0.1000	0.0020	ug/L	U	1
Kepone	143-50-0	U	0.0500	0.0720	ug/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561067-1-BLK** Matrix: **WATER**
Lab Sample Id: **561067-1-BLK**

Analytical Method: PAHs by SW846 8270C Prep Method: SW3510C

Date Analyzed: Apr-22-10 01:14 Analyst: RCR Date Prep: Apr-20-10 19:00 Tech: LWE
Seq Number: 803727 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Benzo(a)anthracene	56-55-3	U	0.100	0.011	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	0.100	0.013	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	0.100	0.015	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	0.100	0.012	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	0.200	0.006	ug/L	U	1
Indeno(1,2,3-c,d)pyrene	193-39-5	U	0.100	0.011	ug/L	U	1

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561107-1-BLK** Matrix: **WATER**
Lab Sample Id: **561107-1-BLK**

Analytical Method: Chlorinated Herbicides by SW-846 8151A Prep Method: SW8151A_EXT

Date Analyzed: Apr-24-10 18:20 Analyst: MIS Date Prep: Apr-21-10 14:00 Tech: JSL
Seq Number: 804014 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Pentachlorophenol	87-86-5	U	2.00	0.373	ug/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561108-1-BLK** Matrix: **WATER**
Lab Sample Id: **561108-1-BLK**

Analytical Method: Organophosphorus Pesticides by SW846 8141A Prep Method: SW3510C

Date Analyzed: May-04-10 14:19 Analyst: LER Date Prep: Apr-20-10 16:00 Tech: ROR
Seq Number: 805091 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Disulfoton	298-04-4	U	0.500	0.129	ug/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561111-1-BLK** Matrix: **WATER**
Lab Sample Id: **561111-1-BLK**

Analytical Method: Appendix II SVOCs by SW846 8270C Prep Method: SW3510C

Date Analyzed: Apr-22-10 19:01 Analyst: RCR Date Prep: Apr-21-10 08:30 Tech: HEA
Seq Number: 803985 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
2,4-Dinitrotoluene	121-14-2	U	0.450	0.170	ug/L	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	U	1
Diallate (trans or cis Isomers)	2303-16-4	U	4.00	0.550	ug/L	U	1
Pentachloronitrobenzene	82-68-8	U	50.0	0.290	ug/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **561148-1-BLK** Matrix: **WATER**
Lab Sample Id: **561148-1-BLK**

Analytical Method: Metals per ICP-MS by SW 6020A Prep Method: SW3010A

Date Analyzed: Apr-21-10 13:45 Analyst: DAF Date Prep: Apr-20-10 08:38 Tech: TIB
Seq Number: 803476 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Thallium	7440-28-0	U	0.002	0.001	mg/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories

Blank Summary 369432

Ardaman & Associates, Sarasota, FL

SARASOTA CENTRAL LANDFILL COMPLEX

Sample Id: **803060-1-BLK** Matrix: **WATER**
Lab Sample Id: **803060-1-BLK**

Analytical Method: Sulfide by SM4500-S-F Prep Method:

Date Analyzed: Apr-19-10 14:30 Analyst: ARM Date Prep: Tech: ARM
Seq Number: 803060

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Sulfide, total	105-05-2	U	5.00	1.00	mg/L	U	1

Project: Florida Standard List of Methods

Version: 1.024

XENCO Laboratories
Florida Testing Services, LLC

Blank Spike Recovery

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Order #: 369432 **Project ID:** 51614

Lab Batch #: 803985 **Sample:** 561111-1-BKS **Matrix:** Water
Date Analyzed: 04/22/2010 **Date Prepared:** 04/21/2010 **Analyst:** RCR
Reporting Units: ug/L **Batch #:** 1

Appendix II SVOCs by SW846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
			BLANK /BLANK SPIKE RECOVERY STUDY			
2,4-Dinitrotoluene	<0.170	50.0	38.3	77	54-133	
3&4-Methylphenol	<0.230	50.0	32.0	64	70-130	J

Lab Batch #: 803476 **Sample:** 561148-1-BKS **Matrix:** Water
Date Analyzed: 04/21/2010 **Date Prepared:** 04/20/2010 **Analyst:** DAF
Reporting Units: mg/L **Batch #:** 1

Metals per ICP-MS by SW 6020A Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
			BLANK /BLANK SPIKE RECOVERY STUDY			
Thallium	<0.001	0.200	0.198	99	75-125	

Lab Batch #: 803727 **Sample:** 561067-1-BKS **Matrix:** Water
Date Analyzed: 04/22/2010 **Date Prepared:** 04/20/2010 **Analyst:** RCR
Reporting Units: ug/L **Batch #:** 1

PAHs by SW846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
			BLANK /BLANK SPIKE RECOVERY STUDY			
Benzo(a)anthracene	<0.011	5.00	1.76	35	28-115	
Benzo(a)pyrene	<0.013	5.00	1.74	35	27-119	
Benzo(b)fluoranthene	<0.015	5.00	1.30	26	15-116	
Benzo(k)fluoranthene	<0.012	5.00	2.05	41	33-122	
Dibenz(a,h)anthracene	<0.006	5.00	1.56	31	11-115	
Indeno(1,2,3-c,d)pyrene	<0.011	5.00	1.60	32	16-120	

Lab Batch #: 803430 **Sample:** 561052-1-BKS **Matrix:** Water
Date Analyzed: 04/20/2010 **Date Prepared:** 04/20/2010 **Analyst:** JAN
Reporting Units: ug/L **Batch #:** 1

PCBs by EPA 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
			BLANK /BLANK SPIKE RECOVERY STUDY			
PCB-1016	<0.117	1.00	1.07	107	12-174	
PCB-1260	<0.016	1.00	0.884	88	10-180	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories
Florida Testing Services, LLC

Blank Spike Recovery

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Order #: 369432 **Project ID:** 51614

Lab Batch #: 803060 **Sample:** 803060-1-BKS **Matrix:** Water

Date Analyzed: 04/19/2010 **Date Prepared:** 04/19/2010 **Analyst:** ARM

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Sulfide by SM4500-S-F Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Sulfide, total	<1.00	10.0	8.00	80	75-120	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories
Florida Testing Services, LLC

Form 3 - MS / MSD Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Order # : 369432 **Project ID:** 51614

Lab Batch ID: 803985 **QC- Sample ID:** 369708-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 04/22/2010 **Date Prepared:** 04/21/2010 **Analyst:** RCR
Reporting Units: ug/L

Appendix II SVOCs by SW846 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2,4-Dinitrotoluene	<0.450	50.0	37.9	76	50.0	40.9	82	8	54-133	20	
3&4-Methylphenol	<4.00	50.0	29.3	59	50.0	32.7	65	10	70-130	20	J

Lab Batch ID: 803476 **QC- Sample ID:** 369514-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 04/21/2010 **Date Prepared:** 04/20/2010 **Analyst:** DAF
Reporting Units: mg/L

Metals per ICP-MS by SW 6020A Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Thallium	0.000	0.200	0.205	103	0.200	0.204	102	1	75-125	25	

Lab Batch ID: 803727 **QC- Sample ID:** 369652-005 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 04/22/2010 **Date Prepared:** 04/20/2010 **Analyst:** RCR
Reporting Units: ug/L

PAHs by SW846 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzo(a)anthracene	<0.100	5.00	3.82	76	5.00	3.60	72	5	28-115	20	
Benzo(a)pyrene	<0.100	5.00	3.41	68	5.00	3.33	67	1	27-119	20	
Benzo(b)fluoranthene	<0.100	5.00	2.54	51	5.00	2.38	48	6	15-116	20	
Benzo(k)fluoranthene	<0.100	5.00	4.05	81	5.00	4.17	83	2	33-122	20	
Dibenz(a,h)anthracene	<0.200	5.00	2.18	44	5.00	2.33	47	7	11-115	20	
Indeno(1,2,3-c,d)pyrene	<0.100	5.00	2.47	49	5.00	2.55	51	4	16-120	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

XENCO Laboratories
Florida Testing Services, LLC

Form 3 - MS / MSD Recoveries

Project Name: SARASOTA CENTRAL LANDFILL COMPLEX

Work Order # : 369432 **Project ID:** 51614

Lab Batch ID: 803430 **QC- Sample ID:** 369652-003 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 04/20/2010 **Date Prepared:** 04/20/2010 **Analyst:** JAN

Reporting Units: ug/L

PCBs by EPA 8082 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB-1016	<0.500	1.00	1.29	129	1.00	1.08	108	18	12-174	20	
PCB-1260	<0.500	1.00	1.27	127	1.00	0.894	89	35	10-180	20	F

Lab Batch ID: 803060 **QC- Sample ID:** 369452-005 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 04/19/2010 **Date Prepared:** 04/19/2010 **Analyst:** ARM

Reporting Units: mg/L

Sulfide by SM4500-S-F Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Sulfide, total	<5.00	800	80.0	10	800	80.0	10	0	75-120	20	J

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☒ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 257347 Page 1 of 1

Company-City: Arcadis G & Assoc, Inc	Phone: (941) 922-3526
Proj Name-Location: SCCSWF	☐ Previously done at XENCO
Project ID: 09-8647	
Proj State: AL, (FL), GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other	Proj. Manager (PM): Chip Hoover
e-Mail Results to ☐ PM or	Fax No:
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:	
Quote/Pricing:	P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA	
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:	
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)	
ADAPT REPORTING FOR FDEP SOLID WASTE	
Sampler Name: Michael Eggleston Signature: Michael Eggleston	

Lab Only: 369432-T

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives
1	MW-15	4.15.10	14:07		W		X	8	V	V	V
2	MW-16	4.15.10	09:02		W		X	8	V	V	V
3	MW-17	4.15.10	10:33		W		X	8	V	V	V
4	MW-18	4.15.10	13:00		W		X	8	V	V	V
5	MW-19	4.15.10	15:50		W		X	8	V	V	V
6	MW-20	4.15.10	16:56		W		X	8	V	V	V
7											
8											
9											
10											

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Ashley M Nichols	4/14/10 12:00	2) ME Michael Eggleston	4/16/10 10:00
3)		4) Ashley M Nichols	4/16/10 10:52
5)		6)	

Total Containers per COC: 48 Cooler Temp: 4°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

WO #: 369432-T
Custodian: RdH
Log-in Date: 4/16/10
Cooler #:

Custody Seal: Broken (Intact) None
Cooler Temp.: 4°C
# of Coolers: 1
# of Containers: 48

Sample ID	No. of containers per sample	Matrix	Collection Method	Container Size	Container Type	Preservative	Headspace	pH	Analysis	Notes
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		3-methyl phenol, dillate 2,4-dinitrotoluene, Pentachloronitrobenzene 8270	
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		Pentachlorphenol 8151	
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		Disulfoton 8141	
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		Kepone 8081 +	Chlorobenzilate
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		PCBs 8082	
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL 250mL 500mL (1L) 2oz 4oz 8oz	glass: (amber) \ clear plastic: hdpe \ ldpe bag: tedlar \ plastic	(none) HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y		Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene	Benzo(k)fluoranthene Dibenz(a,h)anthracene 8270 Indeno(1,2,3-cd) pyrene
1-6	1	(soil) water air	composite (grab) unknown	VOA (125mL) 250mL 500mL 1L 2oz 4oz 8oz	glass: amber \ clear plastic (hdpe) ldpe bag: tedlar \ plastic	none HCL NaOH Sulfuric (Nitric) DI H_2O MeOH	N Y	<2	Thallium	
1-6	1	(soil) water air	composite (grab) unknown	VOA 125mL (250mL) 500mL 1L 2oz 4oz 8oz	glass. amber \ clear plastic (hdpe) ldpe bag. tedlar \ plastic	none HCL (NaOH) Sulfuric Nitric DI H_2O MeOH	N Y	>12	Sulfide	
		soil water air	composite grab unknown	VOA 125mL 250mL 500mL 1L 2oz 4oz 8oz	glass: amber \ clear plastic: hdpe \ ldpe bag. tedlar \ plastic	none HCL NaOH Sulfuric Nitric DI H_2O MeOH	N Y			

Exceptions/Nonconformances:

Client Contacted; Date/Time; Instructions:

Lab Project Manager: Date:

Dept. of Environmental Protection
JUN 30 2010
Southwest District

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 / Ademan	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					
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: 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

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)
= (34.3 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

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 geosub 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

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 / Anderman	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

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/Andaman	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

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					
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: 35.96 – 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

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REVISED

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	

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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**	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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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**	I ug/L	5.0	2.5	1	05/19/10 10:30	05/20/10 22:11	7440-47-3	
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**	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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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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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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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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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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June 25, 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.: 3513390

Dear Mr. Rodriguez:
Enclosed are the analytical results for sample(s) received by the laboratory on June 21, 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.

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

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Ormond Beach Certification IDs
8 East Tower Circle Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
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
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
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

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SAMPLE SUMMARY

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3513390001	**MW-17**	Water	06/18/10 13:05	06/21/10 14:15
3513390002	**Equip. blank (06/18/10)**	Water	06/18/10 11:45	06/21/10 14:15

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SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3513390001	**MW-17**	EPA 8081	JLY	3	PASI-O
		EPA 6010	TAP	1	PASI-O
		SM 2540C	KDM	1	PASI-O
3513390002	**Equip. blank (06/18/10)**	EPA 8081	JLY	3	PASI-O

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Method: **EPA 8081**
Description: 8081 GCS Pesticides
Client: Sarasota County
Date: June 25, 2010

General Information:
2 samples were analyzed for EPA 8081. 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.

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.: 3513390

Method: **EPA 6010**
Description: 6010 MET ICP
Client: Sarasota County
Date: June 25, 2010

General Information:
1 sample was 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:

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PROJECT NARRATIVE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: Sarasota County
Date: June 25, 2010

General Information:
1 sample was 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.

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.: 3513390

Sample: MW-17 **Lab ID: 3513390001** Collected: 06/18/10 13:05 Received: 06/21/10 14:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method:								
Field pH	**6.22**	Std. Units			1		06/18/10 13:05		
Field Temperature	**27.8**	deg C			1		06/18/10 13:05		
Field Specific Conductance	**1458**	umhos/cm			1		06/18/10 13:05		
Oxygen, Dissolved	**5.3**	mg/L			1		06/18/10 13:05	7782-44-7	
Turbidity	7	NTU			1		06/18/10 13:05		
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Dieldrin	**0.00051U**	ug/L	0.010	0.00051	1	06/23/10 16:18	06/24/10 22:10	60-57-1	
Tetrachloro-m-xylene (S)	91	%	66.5-120.3		1	06/23/10 16:18	06/24/10 22:10	877-09-8	
Decachlorobiphenyl (S)	63	%	41.7-109.1		1	06/23/10 16:18	06/24/10 22:10	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	**134**	ug/L	100	50.0	1	06/22/10 11:15	06/24/10 01:11	7429-90-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**926**	mg/L	10.0	10.0	1		06/22/10 09:53		

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ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

Sample: Equip. blank (06/18/10) **Lab ID: 3513390002** Collected: 06/18/10 11:45 Received: 06/21/10 14:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Dieldrin	**0.00049U**	ug/L	0.0099	0.00049	1	06/23/10 16:18	06/24/10 23:01	60-57-1	
Tetrachloro-m-xylene (S)	96	%	66.5-120.3		1	06/23/10 16:18	06/24/10 23:01	877-09-8	
Decachlorobiphenyl (S)	57	%	41.7-109.1		1	06/23/10 16:18	06/24/10 23:01	2051-24-3	

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

QC Batch: OEXT/2581 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 3513390001, 3513390002

METHOD BLANK: 86129 Matrix: Water
Associated Lab Samples: 3513390001, 3513390002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dieldrin	ug/L	0.00050U	0.010	06/24/10 21:36	
Decachlorobiphenyl (S)	%	104	41.7-109.1	06/24/10 21:36	
Tetrachloro-m-xylene (S)	%	104	66.5-120.3	06/24/10 21:36	

LABORATORY CONTROL SAMPLE: 86130

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dieldrin	ug/L	.5	0.53	107	76-122	
Decachlorobiphenyl (S)	%			107	41.7-109.1	
Tetrachloro-m-xylene (S)	%			100	66.5-120.3	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 86131 86132

Parameter	Units	3513390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dieldrin	ug/L			.5	0.47	0.47		94				
Decachlorobiphenyl (S)	%						54	63	41.7-109			
Tetrachloro-m-xylene (S)	%						89	86	66.5-120			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

QC Batch: MPRP/2493
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 3513390001

METHOD BLANK: 85774 Matrix: Water
Associated Lab Samples: 3513390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	50.0U	100	06/23/10 23:46	

LABORATORY CONTROL SAMPLE: 85775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	2500	2600	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 85776 85777

Parameter	Units	3513178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	53.0 I	2500	2500	2780	2760	109	108	75-125	.7	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

QC Batch: WET/4302 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3513390001

METHOD BLANK: 85713 Matrix: Water
Associated Lab Samples: 3513390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/22/10 09:44	

LABORATORY CONTROL SAMPLE: 85714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	286	95	90-110	

SAMPLE DUPLICATE: 85715

Parameter	Units	3513312001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	176	168	5	20	

SAMPLE DUPLICATE: 85716

Parameter	Units	3513340018 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	183	180	2	20	

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QUALIFIERS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3513390

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.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

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.

3513390

PLEASE USE ADAPT REPORTING

PACE — CHAIN OF CUSTODY RECORD — No. E

Page 1 of 1

PACE
8 East Tower Circle
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(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Temp. of Contents: 0.1 °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

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 0100643

6. Custody Seal No.:

7. Sampled By: Michael Eggleston (Ardaman)

8. Shipping Method:

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush

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 C C N
16. Containers A 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	8081 Dieldrin	Miscellaneous Inorgs: TDS	Metals III	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
1	23033	MW-17	6.18.10	13:05		X	gw					A	B	C		
2		Eq. Blank	6.18.10	11:45								A				
3																
5																
6																

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	6.18.10	13:33		6/18/10	13:33
2	6/18/10	1515		6/19/10	1515
3	6/21/10	0955		6/21/10	0955
4	6/22/10	0905		6-21-10	14:15

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

Ardaman & Associates, Inc.
Geotechnical, Environmental, and Materials Consultants

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Sarasota CCSWDC / 09-8647	SITE LOCATION: 4000 Knights Trail Road, Venice, Sarasota County	
WELL NO: MW-17	SAMPLE ID: 23033	DATE: 6.18.10

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 22.1 feet to 32.1 feet	STATIC DEPTH TO WATER (feet): 29.39	PURGE PUMP TYPE OR BAILER: ESP Geosub

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (32.6 feet − 29.39 feet) X 0.16 gallons/foot = 0.51 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: 11:57	PURGING ENDED AT: 12:42	TOTAL VOLUME PURGED (gallons): 1.75

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)
12:09	0.75	0.75	0.06	29.68	6.19	27.3	1472	18.4	119	pale yellow	v. sl organic
12:18	0.25	1.00	0.03	29.70	6.21	27.5	1475	13.0	35	same	same
12:26	0.25	1.25	0.03	29.70	6.22	27.5	1477	10.2	20	same	same
12:34	0.25	1.50	0.03	29.68	6.22	27.7	1470	6.7	11	same	same
12:42	0.25	1.75	0.03	29.67	6.22	27.8	1458	5.3	7	same	same

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 12:44	SAMPLING ENDED AT: 13:05
PUMP OR TUBING DEPTH IN WELL (feet): 31.0	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 Chain of Custody					

REMARKS: Pump Speed : 30

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

Sample Condition Upon Receipt Form (SCUR)

Table Number:_____

Pace Analytical

Client Name: Sarasota County Project # 35133910

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 0.1 (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: 6-21-10
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

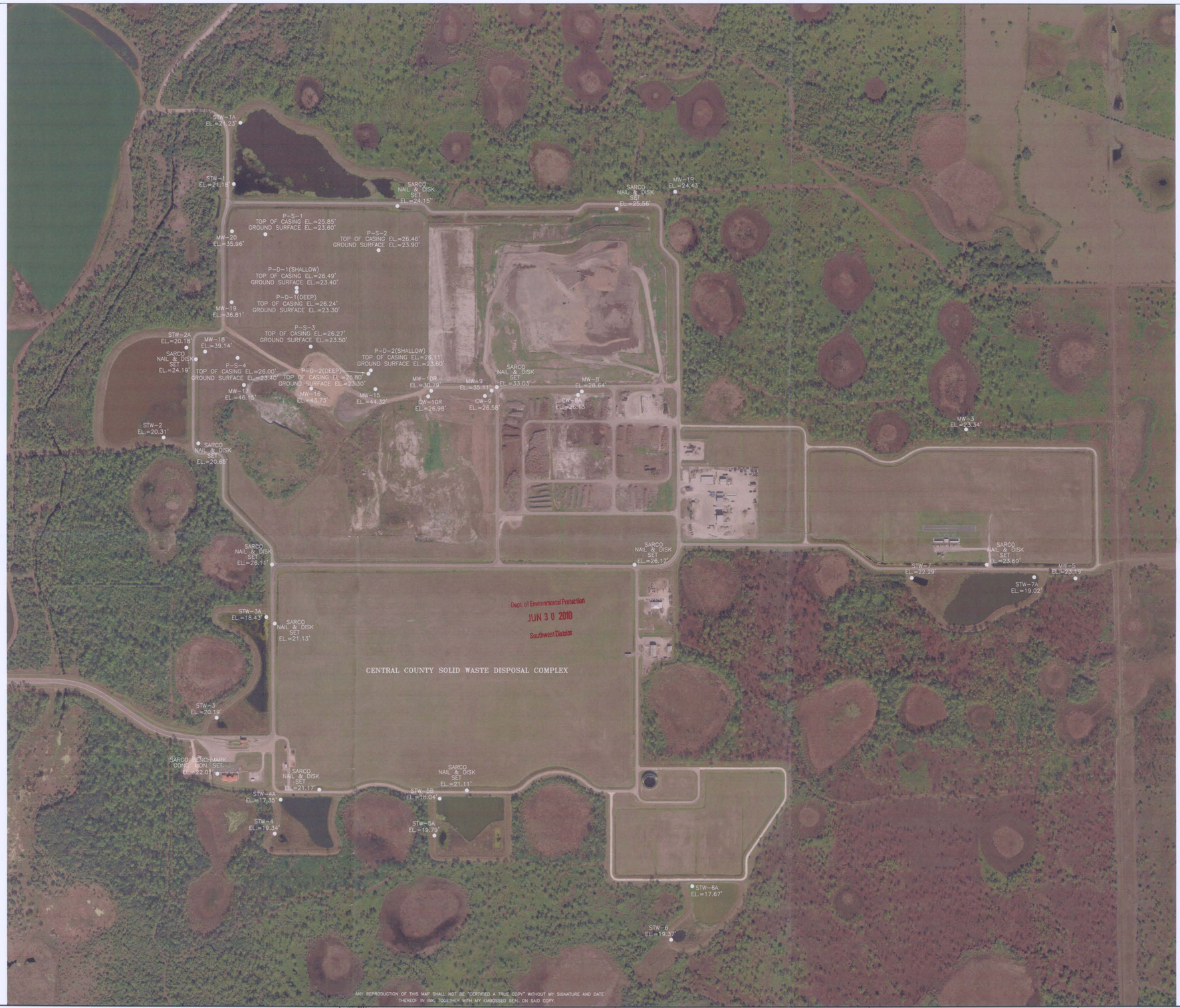
Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other:_____

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY - DETECTS (Revised 06/26/10)
Project Name: CCSWDC Phase 2 - (Sarasota CCSWDC)
FDEP Permit #130542-006-SC-1

DETECTED PARAMETERS	LAB METHOD	UNITS	MW-15 5/12/10	MW-15 07/02/09	MW-16 5/13/10	MW-16 07/02/09	MW-17 6/18/10	MW-17 5/13/10	MW-17 07/07/09	MW-18 5/12/10	MW-18 07/01/09	MW-19 5/12/10	MW-19 06/30/09	MW-20 5/12/10	MW-20 06/30/09	GCTLs
TDS	160.1	mg/L	3,540	3,000	1,830	1,970	926	948	192	605	292	461	756	1,180	1030	500
Chloride	300.1	mg/L	132	122	305	308		75.9	75.7	25.0 U	3.1	12.2	67.8	95	87.9	250
Sulfate	300.1	mg/L	639	1,010	50.0 U	9.2		25.0 U	4.7	25.0 U	1.3	5.0 U	10.1 I	25.0 U	3.3	250
Alkalinity, total (as $CaCO_3$)	310.1	mg/L		966	1110	1,370		687	640	544	259	299	143	859	779	NR
Aluminum	6010	ug/L		139		146	134	435	568		112	2,830	6,390		101	200
Arsenic	6010	ug/L	47.3	28.7	40.7	32.4		70	42.7	5.0 U	7.85 I	42.2	54.1	76.7	23.7	10
Barium	6010	ug/L	228	182	95.4	165		96.4	91.1	33.6	28.1	36	43	165	71.8	2,000
Calcium	6010	ug/L	790,000	569,000 V	252,000	289,000 V		219,000	164,000 V	199,000	78,700 V	50,700	31,100 V	0.50 U	149,000 V	NR
Chromium	6010	ug/L	2.5U	2.95 I	3.71	3.21 I		3.9 I	4.71 I	2.5 U	1.75 I	8.2	11.4	80.9	1.98 I	100
Iron	6010	ug/L	46900	33,600	55,900	73,600		105,000	136,000	28,100	20,700	63,300	46,100	58,200	20,700	300
Magnesium	6010	ug/L	166,000	103,000	91,000	105,000		16,100	22,400	17,900	11,100	18,300	8,960	76,200	84,400	NR
Manganese	6010	ug/L	1010	669	10.8	80.2			22.5		15.8		12		35.4	50
Potassium	6010	ug/L	25,200	14,300	7,200	5,430		7200	3,670	0.82 I	750	7.5 U	3,460	1,800	293 I	NR
Sodium	6010	ug/L	69,900	58,000	256,000	260,000		61,200	52,600	5,000	3,120	23,900	42,900	113,000	39,500	160,000
Vanadium	6010	ug/L	7.9 I	7.75 I	8.2 I	5.53 I		5.0 U	3.86 I	5.0 U	1.53 I	16	31.8	65.6	1.28 I	49
Dieldrin	8081	ug/L		0.003 U		0.0031 U	0.00051 U		0.0032 I		0.003 U		0.003 U		0.003 U	0.002
Acetone	8260	ug/L	8.3 I	5.6 U	5.0 U	12.1		5.0 U	6.2 I	5.0 U	5.6 U	5.0 U	5.6 J3U	5.0 U	5.6 J3U	6,300
Methylene chloride	8260	ug/L	2.5 U	0.52 U	2.5 U	0.52 U		2.5 U	0.52 U	2.5 U	0.52 U	2.5 U	0.52 J3MU	2.5 U	0.52 J3MU	5
Bis(2-ethylhexyl)phthalate	8270	ug/L	0.77U	11.9	0.78 U	9.6			5.1 U	0.76 U	11.3	0.77 U	6.8	0.78 U	7	6
Nitrogen, ammonia (as N)	SM4500	mg/L	4.1	3.36	12.5	12.2		25.1	15	1.3	1.61	22.4	21	3.2	0.56	2.8

Notes: GCTLs = Groundwater Cleanup Target Levels, Chapter 62-777, F.A.C., Table I.
TDS = Total Dissolved Solids
mg/L = Milligrams per liter
ug/L = Micrograms per liter
NA = Not analyzed.
NR = Not regulated at time of rule adoption.
* = Value based on the sum total xylenes.
** = Starting with the 1/22/08 sampling event, 8021 aromatic parameters were anayzed by using method 8260.
U = Indicates that the compound was analyzed but not detected above the method detection limit (MDL).
I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3 = Estimated value; value not accurate. The reported value did not meet the established quality control criteria for either precision or accuracy but falls within the NELAC marginal exceedance range.
J3M = Estimated value; value not accurate. The reported value did not meet the established quality control criteria for either precision or accuracy and falls beyond the NELAC range for marginal exceedances.
J3R = Estimated value; value not accurate. The RPD for the LCSD exceeds the laboratory established control limits.
V = Indicates that the analyte was detected in both the sample and the associated method blank. Note: The value in the blank shall not be subtracted from associated samples.
Bold = Analyte detected.
Shaded Analyte concentration exceeds GCTL.
Shaded Analyte listed in Consent Order OGC Case 08-1728



ANY REPRODUCTION OF THIS MAP SHALL NOT BE "CERTIFIED A TRUE COPY" WITHOUT MY SIGNATURE AND DATE THEREOF IN INK, TOGETHER WITH MY EMBOSSED SEAL ON SAID COPY.

STAFF GAUGES (ELEVATIONS AND LOCATIONS)

STW-1	LAT. 27°12' 20.29997" N	LON. 82°23' 44.70003" W	N 1044126.72	E 527537.34	EL.=21.18'	60 D NAIL SET 3' MARK
STW-2	LAT. 27°11' 59.30004" N	LON. 82°23' 51.10018" W	N 1042008.01	E 526952.77	EL.=20.30'	60 D NAIL SET 4' MARK
STW-3	LAT. 27°11' 35.99997" N	LON. 82°23' 46.09994" W	N 1039653.78	E 527396.81	EL.=20.19'	60 D NAIL SET 4' MARK
STW-4	LAT. 27°11' 26.30003" N	LON. 82°23' 40.70000" W	N 1038672.76	E 527881.32	EL.=19.34'	60 D NAIL SET 4' MARK
STW-5A	LAT. 27°11' 26.20004" N	LON. 82°23' 25.80000" W	N 1038658.45	E 529226.73	EL.=19.788	60 D NAIL SET 4' MARK
STW-6	LAT. 27°11' 17.60004" N	LON. 82°23' 03.79996" W	N 1037783.90	E 531210.63	EL.=19.37'	60 D NAIL SET 4' MARK
STW-7	LAT. 27°11' 47.69996" N	LON. 82°22' 41.50005" W	N 1040817.21	E 533233.48	EL.=22.287'	60 D NAIL SET 4' MARK
STW-1A	LAT. 27°12' 25.36691" N	LON. 82°23' 44.09811" W	N 1044638.2	E 527593.3	EL.=21.23'	4' MARK ON GUAGE
STW-2A	LAT. 27°12' 06.68149" N	LON. 82°23' 49.08702" W	N 1042752.8	E 527136.9	EL.=20.18'	5' MARK ON GUAGE
STW-3A	LAT. 27°11' 44.29897" N	LON. 82°23' 41.54104" W	N 1040490.5	E 527811.1	EL.=18.43'	4' MARK ON GUAGE
STW-4A	LAT. 27°11' 29.12034" N	LON. 82°23' 40.17525" W	N 1038957.4	E 527929.6	EL.=17.35'	4' MARK ON GUAGE
STW-5B	LAT. 27°11' 29.26687" N	LON. 82°23' 25.32595" W	N 1038968.0	E 529270.5	EL.=18.04'	4' MARK ON GUAGE
STW-6A	LAT. 27°11' 22.06970" N	LON. 82°23' 01.85435" W	N 1038234.7	E 531387.7	EL.=17.67'	5' MARK ON GUAGE
STW-7A	LAT. 27°11' 47.77891" N	LON. 82°22' 30.14043" W	N 1040822.1	E 534259.2	EL.=19.02'	4' MARK ON GUAGE

PIEZOMETER WELLS

MW-3	LAT. 27°12' 00.10000" N	LON. 82°22' 36.50000" W	N 1042067.983	E 533688.714	TOP OF CASING EL.=23.34'
MW-5	LAT. 27°11' 47.70000" N	LON. 82°22' 26.30000" W	N 1040813.096	E 534605.941	TOP OF CASING EL.=23.19'

PIEZOMETER WELLS - PHASE II

P-S-1	LAT. 27°12' 16.13612" N	LON. 82°23' 41.74957" W	N 1043705.42	E 527802.40	TOP OF CASING EL.=25.85'	GROUND SURFACE EL.=23.60'
P-S-2	LAT. 27°12' 14.83624" N	LON. 82°23' 31.16288" W	N 1043571.16	E 528757.83	TOP OF CASING EL.=26.457'	GROUND SURFACE EL.=23.90'
P-S-3	LAT. 27°12' 06.85829" N	LON. 82°23' 37.48724" W	N 1042767.35	E 528184.29	TOP OF CASING EL.=26.267'	GROUND SURFACE EL.=23.50'
P-S-4	LAT. 27°12' 05.84257" N	LON. 82°23' 44.29600" W	N 1042666.72	E 527569.21	TOP OF CASING EL.=26.003'	GROUND SURFACE EL.=23.40'
P-D-1(SHALLOW)	LAT. 27°12' 11.62889" N	LON. 82°23' 38.80118" W	N 1043249.45	E 528067.17	TOP OF CASING EL.=26.487'	GROUND SURFACE EL.=23.40'
P-D-1(DEEP)	LAT. 27°12' 11.39723" N	LON. 82°23' 38.81222" W	N 1043226.06	E 528066.10	TOP OF CASING EL.=26.237'	GROUND SURFACE EL.=23.30'
P-D-2(SHALLOW)	LAT. 27°12' 04.72867" N	LON. 82°23' 31.92717" W	N 1042550.73	E 528685.63	TOP OF CASING EL.=26.114'	GROUND SURFACE EL.=23.60'
P-D-2(DEEP)	LAT. 27°12' 04.64686" N	LON. 82°23' 31.99987" W	N 1042542.49	E 528679.04	TOP OF CASING EL.=25.804'	GROUND SURFACE EL.=23.30'

MONITORING WELLS

MW-1R	LAT. 27°12' 19.78765" N	LON. 82°23' 03.60796" W	N 1044063.44	E 531247.22	TOP OF CASING EL.=24.428'
MW-8A	LAT. 27°12' 03.17721" N	LON. 82°23' 12.23027" W	N 1042388.54	E 530463.57	TOP OF CASING EL.=28.637'
MW-9	LAT. 27°12' 03.22649" N	LON. 82°23' 20.61821" W	N 1042395.86	E 529706.24	TOP OF CASING EL.=35.112'
MW-10R	LAT. 27°12' 03.12655" N	LON. 82°23' 26.21601" W	N 1042392.39	E 529200.80	TOP OF CASING EL.=31.792'
MW-15	LAT. 27°12' 03.28496" N	LON. 82°23' 31.40745" W	N 1042404.8	E 528732.1	TOP OF CASING EL.=44.32'
MW-16	LAT. 27°12' 03.32557" N	LON. 82°23' 37.41159" W	N 1042410.6	E 528190.0	TOP OF CASING EL.=43.73'
MW-17	LAT. 27°12' 03.58818" N	LON. 82°23' 43.68232" W	N 1042438.9	E 527623.9	TOP OF CASING EL.=46.15'
MW-18	LAT. 27°12' 06.34977" N	LON. 82°23' 47.32484" W	N 1042718.8	E 527295.9	TOP OF CASING EL.=39.14'
MW-19	LAT. 27°12' 10.45660" N	LON. 82°23' 44.86950" W	N 1043132.8	E 527518.9	TOP OF CASING EL.=36.81'
MW-20	LAT. 27°12' 16.34699" N	LON. 82°23' 44.85929" W	N 1043727.6	E 527521.7	TOP OF CASING EL.=35.96'

COMPLIANCE WELLS

CW-8A	LAT. 27°12' 02.89428" N	LON. 82°23' 12.58659" W	N 1042360.07	E 530431.31	TOP OF CASING EL.=26.132'
CW-9	LAT. 27°12' 02.77901" N	LON. 82°23' 21.24197" W	N 1042350.85	E 529649.78	TOP OF CASING EL.=26.582'
CW-10R	LAT. 27°12' 02.71032" N	LON. 82°23' 26.49836" W	N 1042345.39	E 529175.16	TOP OF CASING EL.=26.982'

SURVEYOR'S NOTES

1. THIS IS NOT A BOUNDARY SURVEY.
2. ADDITIONS OR DELETIONS TO THE SURVEY MAP BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY.
3. ELEVATIONS ARE BASED ON SARASOTA COUNTY BENCHMARK NUMBER 363, ELEVATION BEING 15.261 FEET N.G.V.D. 1929.
4. THIS SPECIFIC PURPOSE SURVEY WAS PERFORMED TO SET TEMPORARY BENCHMARKS AND ESTABLISH ELEVATIONS AT STAFF GUAGES, PIEZOMETER WELLS AND MONITORING WELLS LYING WITHIN THE CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX LOCATED IN SECTIONS 2,3,10 & 11, TOWNSHIP 38 SOUTH, RANGE 18 EAST.
5. LATITUDE, LONGITUDE AND STATE PLANE COORDINATES SHOWN HEREON ARE GRID BASED ON PUBLISHED COORDINATES FOR SARASOTA COUNTY CONTINUOUS OPERATING REFERENCE STATION "EMERSON" AND "ANDERSON" RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, BASED ON NORTH AMERICAN DATUM, 1983 ADJUSTMENT.

SCALE 1"=400'

400 200 0 400 800

SCALE IN FEET

REVISION: ADDED LATITUDE AND LONGITUDE JRM 4-01-10
REVISION: REMOVED WELLS MW11-R, CW11-R & MW12-R. ADDED MW15, MW16, MW17, MW18, MW19, MW20 & STW-1A, STW-2A, STW-3A, STW-4A, STW-5B, STW-6A, STW-7A JRM 07-09-09
REVISION: UPDATED ELEVATION AND LOCATION ON MW-3 JRM 11-07-08

SARASOTA COUNTY SURVEY-MAPPING
PLANNING & DEVELOPMENT SERVICES BUSINESS CENTER
1301 CATTLEMEN ROAD BLDG. "E" SARASOTA, FLORIDA 34232
941/861-6802 • 941/861-6865 • FAX 941/861-6157

I HEREBY CERTIFY THAT THIS MAP OF SURVEY REPRESENTS A SPECIFIC PURPOSE SURVEY OF THE LANDS AS SHOWN AND DESCRIBED HEREON, THAT THE SURVEY WAS RECENTLY PERFORMED UNDER MY DIRECTION, THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17.050 -.051, .052 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

Teri S. Owen 6/11/10

TERI S. OWEN, Professional Surveyor and Mapper No. 5928

ABBREVIATION LEGEND

P.B. = PLAT BOOK
CONC. = CONCRETE
MON. = MONUMENT
R/W = RIGHT-OF-WAY
FND. = FOUND
(P) = PLAT
(M) = MEASURED
PG. = PAGE
R.P.B. = ROAD PLAT BOOK
O.R.B. = OFFICIAL RECORDS BOOK
P.I.D. = PROPERTY IDENTIFICATION NO. = NUMBER
R.C.P. = REINFORCED CONCRETE PIPE
C.M.P. = CORRUGATED METAL PIPE
T.O.S. = TOE OF SLOPE
T.O.B. = TOP OF BANK
O.T. = OPEN THROAT
FPL = FLORIDA POWER & LIGHT
VER. = VERIZON
CATV = CABLE TELEVISION
N&D = NAIL AND DISK
I.P. = IRON PIPE
I.R. = IRON ROD
E.P. = EDGE OF PAVEMENT
DR. = DRIVE
U/G = UNDERGROUND
DRAIN. = DRAIN.
TEMP. = TEMPORARY
EASE. = EASEMENT
R= RADIUS

SYMBOL LEGEND (SYMBOLS NOT DRAWN TO SCALE)

■ – CONCRETE MONUMENT FOUND
⊙ – IRON ROD & CAP FOUND
● – IRON ROD FOUND
⊕ – IRON PIPE FOUND
⊙ – NAIL & DISK FOUND
× – CHISEL CUT FOUND
◑ – RAILROAD SPIKE FOUND
⊖ – BENCH MARK FOUND
Ø – UTILITY POLE
Ø – LIGHT POLE
↙ – GUY WIRE
Ⓜ – MANHOLE
⊠ – SERVICE BOX
⊞ – CONTROL BOX
▮ – TRANSFORMER
▲ – BACKFLOW
⋈ – VALVE
◇ – FIRE HYDRANT
Ⓜ – METER

SPECIFIC PURPOSE SURVEY
CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

PROJ. NO.: 08032	DWG DATE: 3-18-08	SHEET NO. 1 OF 1
SEC: 2,3,10,11 TWP: 38 S. RGE: 19 E.	FIELD DATE: 3-14-08	
FIELD BOOK 496 PAGE 73-76	DRAWN BY: J.R.M.	
I:\PDSBC\SURVEY\Landfill_knights\Landfill_knights.dwg	CHECKED BY: T.O.	