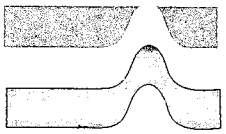
INSTALLATION OF GROUNDWATER MONITORING WELLS, GAS PROBE AND STAFF GAUGES FOR "CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX, PHASE II," KNIGHTS TRAIL ROAD, SARASOTA COUNTY, FLORIDA

FDEP PERMIT NO. 130542-006-SC/01



Ardaman & Associates, Inc.

OFFICES

Orlando, 8008 S. Orange Avenue, Orlando, Florida 32809, Phone (407) 855-3860
Bartow, 1525 Centennial Drive, Bartow, Florida 33830, Phone (863) 533-0858
Cocoa, 1300 N. Cocoa Boulevard, Cocoa, Florida 32922, Phone (321) 632-2503
Fort Lauderdale, 3665 Park Central Boulevard North, Pompano Beach, Florida 33064, Phone (954) 969-8788
Fort Myers, 9970 Bavaria Road, Fort Myers, Florida 33913, Phone (239) 768-6600
Miami, 2608 W. 84th Street, Hialeah, Florida 33016, Phone (305) 825-2683
Port Charlotte, 740 Tamiami Trail, Unit 3, Port Charlotte, Florida 33954, Phone (941) 624-3393
Port St. Lucie, 460 NW Concourse Place Unit #1, Port St. Lucie, Florida 34986-2248, Phone (772) 878-0072
Sarasota, 78 Sarasota Center Blvd., Sarasota, Florida 34240, Phone (941) 922-3526
Tallahassee, 3175 West Tharpe Street, Tallahassee, Florida 32303, Phone (850) 576-6131
Tampa, 3925 Coconut Palm Drive, Suite 115, Tampa, Florida 33619, Phone (813) 620-3389
West Palm Beach, 2511 Westgate Avenue, Suite 10, West Palm Beach, Florida 33409, Phone (561) 687-8200

MEMBERS:
A.S.F.E.
American Concrete Institute
American Society for Testing and Materials
Florida Institute of Consulting Engineers

SARASOTA COUNTY
"Dedicated to Quality Service"

FILE COPY

February 10, 2009

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

RE: Central County Solid Waste Disposal Complex
Permit Number 130542-002-SO/01
Verification of Well Abandonment

Dear Ms. Pelz:

As specified in Part E.6. of the above permit, this letter is to notify the Department of the abandonment of 20 wells at the Central County Solid Waste Disposal Complex site. Ardaman & Associates, Inc. performed the work and a detailed report of the well abandonment has been included for your review.

If you have any questions or concerns, please contact me at (941)861-1532 or lerose@scgov.net.

Sincerely,

Lois E. Rose
Manager, Solid Waste

enc

SARASOTA COUNTY

"Dedicated to Quality Service"

December 10, 2009

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

RE: Central County Solid Waste Disposal Complex
Permit Number 130542-007-SO/01
Phase II Monitoring Wells MW15-MW20; Gas Probe GP-9

Dear Ms. Pelz:

Enclosed are the required documents for the installation of the six monitoring wells and one gas probe for the Phase II Construction Permit in accordance with Specific Conditions E.5.b, E.5.c. and E.5.d. A summary of the water quality standards that were exceeded has been included with this report. The majority of the exceedences correlate to the exceedences that have been occurring in the Phase I area. One compound, Bis(2-ethylhexyl phthalate) was detected in five of the six new monitoring wells in exceedence of the MCL. The potential for this to be contributed to cross contamination from field sampling equipment (latex gloves) is quite high. The county will include this parameter in the next routine monitoring event for the site for confirmation purposes.

I would also like to add, that the County has spent an exorbitant amount of time and money in complying with the new permit requirement to submit all water quality data in an electronic format utilizing the ADAPT software. The data that you are receiving with this report was not submitted within the permitted timeframe due to circumstances beyond the county's control. I have been working with the software consultant that developed the ADAPT program, FDEP staff in Tallahassee, and the laboratory who ran the analyses for over four months to get issues resolved with the laboratory data in order to be able to successfully run the data through the ADAPT software. After spending three months and making little progress, the county hired an outside consultant (Elizabeth Kennelley with Jones, Edmonds and Associates) to provide training and direction on utilizing the ADAPT software to the laboratory and county staffs so that both entities would be able to successfully process the data through the ADAPT software program. Also contributing to the delay was the ADAPT manual that is located on the ftp site. The manual is incomplete and thus confusing to the user. It should have not been provided to the public until all information contained within the document was verified to be accurate and complete. A good example of this deficiency is the section that pertains to creating

the Field EDD. No one would be able to create a field EDD utilizing just the information provided in this document.

I hope that FDEP continues to be patient and allows for additional processing time in regards to permit submittal due dates that require utilizing the ADAPT software.

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

Sincerely,

Lois E. Rose
Manager, Solid Waste

cc: FDEP, Solid Waste Section, Tallahassee

attachments

CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX
EXCEEDENCE OF MCLs SUMMARY
2009 - Initial Sampling - Phase II Monitoring Wells

		23031	23032	23033	23034	23035	23036
		Detection	Detection	Detection	Detection	Detection	Detection
Parameter	MCL	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20
Solids, Total Dissolved	500 mg/l	3,000	1,970			756	1,030
Iron	0.3 mg/l	34	73.6	136	20.7	46.1	20.7
Sulfate	250 mg/l	1010					
Total Ammonia	2.8 mg/l	3.36	12.2	15		21	
pH	6.5-8.5						
Chloride	250 mg/l		308				
Arsenic	10 ug/l	28.7	32.4	42.7		54.1	23.7
Sodium	160 mg/l		260				
Bis(2-ethylhexyl)phthalate	6 ug/l	11.9	9.6		11.3	6.8	7

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Central County Solid Waste Disposal Complex

Address 4000 Knights Trail Road

City Nokomis Zip 34275

Telephone Number (941) 861-1532

(2) The GMS Identification Number SWD/58/51614

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

(4) Authorized Representative Name Lois Rose

Address 4000 Knights Trail Road

City Nokomis Zip 34275

Telephone Number (941) 650-0722

(5) Type of Discharge NA

(6) Method of Discharge NA

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 12 2010
SOUTHWEST DISTRICT TAMPA

Certification

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

Date: Dec. 10, 2009 Lois Rose

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP # /HRS Certification # E84207

*Comp QAP # /HRS Certification #

Lab Name PEL

Address 8405 Benjamin Road, Suite A, Tampa, FL 33634

Phone Number (813)888-9507

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: July 2, 2009/10:44

Test Site ID #: 23031

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-15

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 17.78'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: July 2, 2009/13:12

Test Site ID #: 23032

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-16

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 16.95'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614 Sampling Date/Time: July 7, 2009/13:28

Test Site ID #: 23033 Report Period: 2009 Initial Sampling – New Well Installation (year/quarter)

Well Name: MW-17 Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 16.29'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: July 1, 2009/11:32

Test Site ID #: 23034

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-18

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 16.67'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: June 30, 2009/14:50

Test Site ID #: 23035

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-19

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 16.33'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614 Sampling Date/Time: July 7, 2009/15:55

Test Site ID #: 23035 Report Period: 2009 Initial Sampling – New Well Installation (year/quarter)

Well Name: MW-19 Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Ground Water Elevation (NGVD): 16.71'

or (MSL): _____

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: June 30, 2009/10:51

Test Site ID #: 23036

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-20

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 15.76'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: July 7, 2009/15:07

Test Site ID #: 23036

Report Period: 2009 Initial Sampling – New Well Installation
(year/quarter)

Well Name: MW-20

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 16.25'

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

ATTENTION

AN OVERSIZED MAP HAS BEEN SCANNED SEPARTELY. PLEASE SEE:

- SARASOTA CCSWDC PHASE II CONST. CERT. REPORT ATTACHMENT F: SPECIFIC PURPOSE SURVEY

INSTALLATION OF GROUNDWATER MONITORING WELLS, GAS PROBE AND STAFF GAUGES FOR "CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX, PHASE II," KNIGHTS TRAIL ROAD, SARASOTA COUNTY, FLORIDA

FDEP PERMIT NO. 130542-006-SC/01

Ardaman & Associates, Inc.

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MEMBERS:
A.S.F.E.
American Concrete Institute
American Society for Testing and Materials
Florida Institute of Consulting Engineers

Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

August 13, 2009
File No. 09-8647

TO: Sarasota County Government
Environmental Services, Solid Waste Operations
4000 Knights Trail Road
Nokomis FL 34275

Attention: Lois Rose

SUBJECT: Installation of Groundwater Monitoring Wells, Gas Probe and Staff Gauges for "Central County Solid Waste Disposal Complex, Phase II," Knights Trail Road, Sarasota County, Florida

FDEP Permit No. 130542-006-SC/01

Ladies and Gentlemen:

As requested, we have completed the installation of six (6) new surficial aquifer monitor wells, one (1) new gas monitoring probe and seven (7) new staff gauges at the site referenced above. In addition, the new monitor wells have been sampled and chemical analysis completed on the samples. This report will present a summary of the installations and results.

New Monitor Well Installation

The new monitor wells are designated MW-15 through MW-20. Well construction data for each of the wells are included in Appendix I of this report. This includes the FDEP "Monitor Well Completion Report" form and a lithologic log for each well. The new monitor well locations are shown on the attached Figure 1.

As-built monitor well locations and elevations were determined by others. These locations (by northing and easting) and elevations are listed in Table 1 of Appendix II of this report.

Our scope of work included obtaining the necessary well construction permits, performing an auger boring at each well location, installing the wells according to specifications and developing the wells. Copies of the Southwest Florida Water Management District (SWFWMD) well construction permits and SWFWMD completion reports are also included in Appendix I, for your records.

The eight-inch diameter bore holes for the wells were advanced by hollow-stem auger. After reaching the final well depth, the wells were constructed by inserting a length of two-inch diameter slotted PVC pipe connected to a two-inch diameter solid PVC riser. The annular space was backfilled with 20/30 silica sand to above the slotted PVC. A few inches of washed fine sand was placed above the 20/30 sand to prevent grout intrusion, and the annular space was backfilled to ground surface with cement grout. At the surface, a six-inch by six-inch aluminum square casing with a lockable cap was placed around the riser pipe and embedded in concrete to protect the well.

New Gas Monitor Probe Installation

Gas probe GP-09 was installed as discussed above, however, the casing and screen intervals are 1-inch schedule 80 PVC. The borehole was backfilled with pea gravel and sealed at the surface with bentonite. The probe is complete with a PVC valve. The well completion report and boring logs are also included in Appendix I. Ground surface and top-of-casing elevations are approximate. Due to ongoing construction, the protective bollards have yet been installed at the monitor well locations.

New Staff Gage Installation

As requested, our firm also installed a new staff gauge in each of the stormwater lakes at the site. These staff gauges are designated as STW-1A to STW-4A, STW-5B, STW-6A and STW-7A. Their locations are also shown on the attached Figure 1.

These were constructed using a USGS style C, staff gauges set on driven square steel tube. The locations and reference elevations of the staff gauges are listed on Table 1 in Appendix II.

Groundwater Elevation Contours and Flow Directions

Water level readings at all active monitor wells and staff gauges were obtained on August 6, 2009. These readings are summarized in Table 1 of Appendix II. These data were used to develop a water table elevation contour map for the surficial aquifer in the site vicinity, as shown on the attached Figure 2.

Groundwater flow directions are generally perpendicular to the equipotential lines shown on Figure 2. The data indicates that the groundwater flow directions at the time were generally in a south to southwesterly direction, although ranging from southeast to nearly due west in some areas.

It should be noted that the water level in Stormwater Pond No. 1 (STW-1A) was probably artificially high at the time of this reading, due to dewatering flows from the Phase II landfill construction being pumped into this lake.

Groundwater Quality Analysis

After development of the wells, as indicated on the individual monitor well completion reports in Appendix I, monitor wells were accessed for groundwater sample collection. Groundwater sample exercises were conducted on June 30, July 1, July 2 and July 7, 2009. Groundwater sampling was conducted in strict adherence to FDEP SOP-001/01. Groundwater samples were collected under low flow conditions using either a peristaltic pump or submersible pump due to the depth to groundwater.

After calculating the standing volume of water, consecutive volumes of groundwater were collected from the wells and analyzed on-site for temperature, pH, conductivity, dissolved oxygen and turbidity until parameters were stabilized. Groundwater samples were collected and placed directly into laboratory supplied containers and vials, capped, labeled and packed on ice for transport to the laboratory for analysis. A copy of the field sampling notes, instrument calibration logs, groundwater sampling logs, chain-of-custody forms and laboratory analysis are included in Appendix III and detected analytes of concern are summarized in the attached Table 2 in Appendix IV.

We appreciate the opportunity to be of your service on this project. Please contact us when we may be of further service, or if you should have any questions concerning this report.

Very truly yours,

Ardaman & Associates, Inc.

8/13/09

Jerry H. Kuehn, P.E.
Senior Project Engineer
Fl. Lic. No. 35557

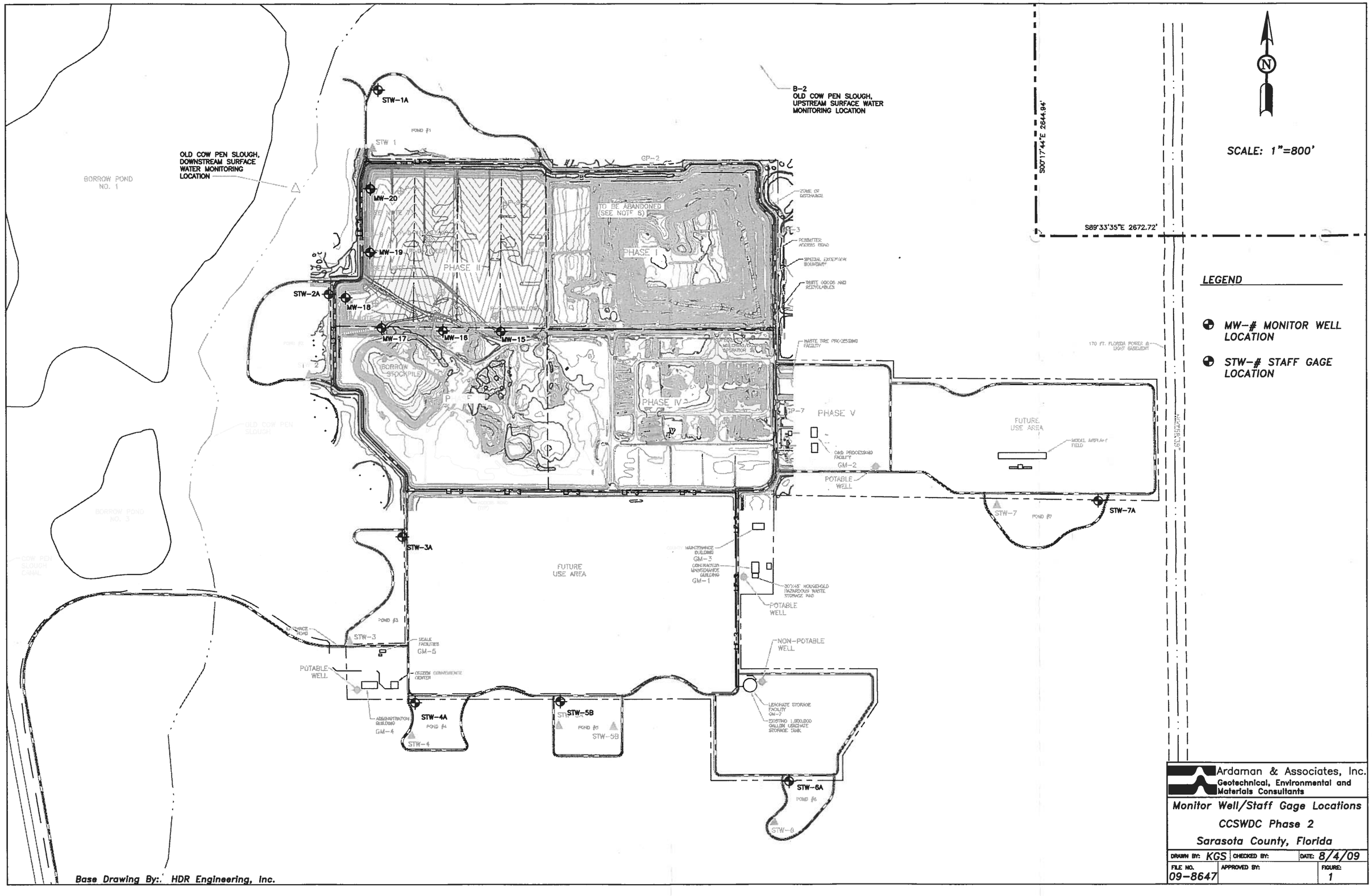
8/13/09

Ashby Hoover, P.E.
Senior Project Engineer
Fl. Lic. No. 49942

JHK/AH:nh

cc: HDR Engineering, Inc.

09-8647 MW CCSWDS - Phase II.wpd



Base Drawing By:. HDR Engineering, Inc.

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

Monitor Well/Staff Gage Locations
CCSWDC Phase 2
Sarasota County, Florida

DRAWN BY: KGS	CHECKED BY:	DATE: 8/4/09
FILE NO. 09-8647	APPROVED BY:	FIGURE: 1

S89°20'40"E 1016.31'

S00°17'44"E 2644.94'

S89°33'35"E 2672.72'

SCALE: 1"=800'

LEGEND

- MW-# MONITOR WELL LOCATION
- STW-# STAFF GAGE LOCATION
- WATER TABLE CONTOURS 8/6/09 (feet, NGVD)

STW-1A
STW-2A
STW-3A
STW-4A
STW-5B
STW-6A
STW-7A
MW-1R
MW-3 (WATER LEVEL READING ONLY)
MW-5 (WATER LEVEL READING ONLY)
MW-8A
MW-9
MW-10R
MW-11R
MW-12R
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
CW-8A
CW-9
CW-10R
GM-5
GM-4
STW-1
STW-2
STW-3
STW-4
STW-5
STW-6
STW-7
POND #1
POND #2
POND #3
POND #4
POND #5
POND #6
POND #7
20
19.5
19
18.5
18
17.5
17
16.5
16
15.5
15
BORROW POND NO. 1
BORROW POND NO. 3
BORROW STOCKPILE
PHASE I
PHASE II
PHASE III
PHASE IV
PHASE V
TO BE ABANDONED (SEE NOTE 8)
FUTURE USE AREA
POTABLE WELL
CITIZEN COMMENCE CENTER
ADMINISTRATION BUILDING
MODEL AIRPLANE FIELD
POT
170 FT. FLORIDA POWER & LIGHT EASEMENT
PUBLIC ACCESS ROAD
SPECIAL EXCEPTION BOUNDARY
WHITE GOODS AND RECYCLABLES
WASTE TIRE PROCESSING FACILITY
MULCH/BIOSOLIDS OPERATION
C&D FACILITY
BUILDING
EXISTING TREE LINE
SCALE HOUSE

Base Drawing By: HDR Engineering, Inc.

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

Water Table Contour Map (8/6/09)
CCSWDC Phase 2
Sarasota County, Florida

DRAWN BY: KGS	CHECKED BY:	DATE: 8/4/09
FILE NO. 09-8647	APPROVED BY:	FIGURE: 2

APPENDIX I

STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

☑ Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River

CHECK BOX FOR APPROPRIATE DISTRICT ADDRESS ON BACK OF PERMIT FORM

THIS FORM MUST BE FILLED OUT COMPLETELY.

The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable.

Permit No. **785263**
Florida Unique I.D.
Permit Stipulations Required (See attached)
23, 39, 54
62-524 Quad # **Q2620** Delineation #
CUP/WUP Application No.

ABOVE THIS LINE FOR OFFICIAL USE ONLY

Fold at this line in order that address is visible through envelope window

1. **SARASOTA COUNTY** | **OFFICE OF MNGMT AND BUDGET** | **SARASOTA FL** | **34230-0008** | **(941) 486-2600**
Owner, Legal Name of Entity if Corporation | *Address* | *City* | *Zip* | *Telephone Number*

2. **4000 KNIGHTS TRAIL RD, N/A**
Well Location _ Address, Road Name or number, City
Parcel # (Pin) **0327-00-1000**

3. **DANIEL PEACE** | **9418** | **(941) 922-3526**
Well Drilling Contractor | License No. | Telephone No.

78 SARASOTA CENTER BLVD
Address

SARASOTA | **FL** | **34240**
City | State | Zip

4. ____ smallest 1/4 of ____ biggest 1/4 of Section **3**

5. Township **38** Range **19**

(Indicate Well on Chart)

NW NE SW SE

6. **SARASOTA**
County | Subdivision Name | Lot | Block | Unit

7. Number of proposed wells **6** Check the use of well: (See back of permit for additional choices) ____ Domestic Monitor (type) ✓
____ Irrigation (Type) (See Back) Public Water Supply (type) ____ (See Back) List Other ____
Distance from septic system **1000** ft. Description of facility **County Solid Waste Facility** Estimated start of construction date **6/11/2009**

8. Application for: ✓ New Construction ____ Repair/Modify ____ Abandonment ____ (Reason for Abandonment)

Date Stamp
Received: Thursday, June 11, 2009

9. Estimated: Well Depth **25** Casing Depth **15** Screen Interval from **15** to **25**
Casing Material: ~~XXXXXX~~ / ~~Steel~~ / PVC Casing Diameter **2** smallest Seal Material **Cement**

10. If applicable: Proposed Grouting Interval From ____ to ____ Seal Material ____
From ____ to ____ Seal Material ____
From ____ to ____ Seal Material ____

11. Telescope Casing ____ or Liner ____ (check one) Diameter ____
~~XXXXXX~~ / ~~XXXXXXXX~~ / PVC Other (specify:) ____

12. Method of Construction: ✓ Rotary ____ Cable Tool ____ Combination
____ Auger ____ Other (specify:) ____

13. Indicate total No. of wells on site **6**. List number of unused wells on site **0**.

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? ✓ No ____ Yes
(IF YES, COMPLETE THE FOLLOWING) CUP/WUP No. ____
District well I.D. No. ____
Latitude **27° 12' 09.30"** Longitude **82° 23' 41.11"**
Data obtained from GPS ____ or map ____ or survey ____ (*map datum NAD 27__ NAD 83__*)

Draw a map of well location and indicate well site with an "X" identify known roads and landmarks: provide distances betwen well and landmarks.

North

These are new monitor wells for new cells at Landfill. Three wells are located on south side of Phase II and 3 are west of Phase II along top of berm.

West East

South

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling or the permit expiration, whichever occurs first.

I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site.

Digitally Signed | **9418** | **Digitally Signed** | Date
Signature of Contractor | License No. | Owner's or Agent's Signature

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By: **EDIE REILLY STATUS: ISSUED** Issue Date: **6/16/2009** Hydrologist Approval ____ Initials

Owner Number: ____ Fee Received: $ **450.00** Receipt No.: **SA0901028A** Check No.: ____

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. *This permit is valid for 90 days from the date of issue.*

FORM 41.10 - 410 (1) REV. 12/04

WHITE: ORIGINAL FILE
YELLOW: DRILLING CONTRACTOR
PINK: OWNER

Recovery	Landscape Irrigation	Recreation Area Irrigation (ball fields, playgrounds)	Aquaculture (fish ponds)
Public Water Supply (DEP) Community Non-Community	Agricultural Irrigation (crops, sod, orchards, nursery stock)	Golf Course Irrigation	Class I Injection Well Class V Injection
Limited Use Public Supply (HRS)	Nursery Irrigation (retail outlets only)	Heat Pump (AC Supply)	Test (temporary) WUP
Livestock	Pesticide Mixing & Loading	Heat Pump (AC Return)	Industrial

WELL SETBACK DISTANCES:

25 ft.	From a treated building slab.
75 ft.	Domestic – From on site septic system.
100 ft.	Public Supply and Limited Public Supply less than 2000 GPD Sewage Flow.
200 ft.	Public Supply and Limited Public Supply greater than 2000 GPD Sewage Flow.

These are common setback distances. ***However they are not all-inclusive.*** Refer to other applicable rules for additional setbacks.

SARASOTA COUNTY HEALTH DEPARTMENT

STIPULATION #23 – TEST/MONITOR WELL

A. All monitor wells constructed at any facility that has been designated as a ground water contamination site or a possible ground water contamination site shall adhere to the construction standards set forth by The Department of Environmental Protection and other applicable rules.

B. The well(s) shall be constructed in a manner to prevent the unauthorized interchange of water between different water bearing zones (i.e., breaching of confining beds, clays or hardpan intervals) as per Chapter 62-532.500 (2)©, Florida Administrative Code (F.A.C.)

C. There shall be no injection of fluids into the monitor well without prior written approval from the SWFWMD. This includes, but is not limited to, treated ground water or the introduction of microbes for in-Situ aquifer restoration.

D. Prior written approval from the SWFWMD shall be required if the monitor well(s) will be pumped for use in hydrodynamic control and/or contaminant plume management, if quantities reach or exceed requirement of a Water Use Permit.

E. The well(s) are to be converted into a production well(s), an additional permit shall be obtained.

F. In the event the well(s) needs to be abandoned, an abandonment permit shall be obtained prior to commencing with abandonment operations.

G. An observer from the SCHD is required on all abandonment's to ensure compliance with Chapter 62-532, Chapter 40D-3 Florida Administrative Code and Sarasota County Code of Ordinance No. 2006-032, Chapter 381-392.

H. Please contact the appropriate Water Well Permitting Section Office for additional information:
   Sarasota (941) 861-6133 North of Blackburn Point Road
   Venice (941) 861-3310 South of Blackburn Point Road.

SWFWMD Permit #: 785263

COPY TO OWNER

SARASOTA COUNTY HEALTH DEPARTMENT

STIPULATION # 54 – REQUIRED CHEMICAL ANALYSIS

In accordance with Sarasota County Ordinance, Chapter 54, Article XIII, Section 54-385, H, 1-3:

1. The Well Contractor/Driller shall obtain a Chemical Analysis under the conditions described below:

   - Following the completion of a new well, or;
   - Following a constructed well requiring downward casing extension, or;
   - Following the deepening of an existing well.

   In the event that any of the above mentioned conditions are met, the Driller shall obtain a raw water sample representative of the well water quality and submit it to a laboratory approved by the Department of Health (DOH). (Please contact the DOH for a current list of approved laboratories).

2. The Contractor/Driller shall have the sample analyzed for:

   - Total dissolved solids (TDS)
   - Sulfates
   - Chlorides
   - Iron
   - Total hardness
   - Color
   - PH

3. The results of the Chemical Analysis shall be submitted together with the completion report. A completion report submitted without the required water sample results from a DOH approved laboratory shall be deemed incomplete and will not be accepted.

SWFWMD Permit No.: 785263

Reference number: _____

(09/2006)

SARASOTA COUNTY HEALTH DEPARTMENT

STIPULATION #39 - WELL AND DRILLHOLE ABANDONMENT

It will be the **water well contractor's** responsibility to have any incomplete, as described in 40D-3, Florida Administrative Code, well or drillhole attempted under this permit properly abandoned as follows:

A. The well shall be examined from land surface to the original depth of construction for debris or obstructions; any debris or obstruction shall be removed prior to abandonment.

B. The well shall be plugged from bottom to top by an approved method of grouting with either Portland neat cement grout or an approved bentonite product as specified in 40D-3.517 2 (b), F.A.C.

It will be the **owner's** responsibility to have any well completed under this permit or any existing well on this property, which meets the definition of an abandoned well as defined in Chapter 40D-3.021(1), F.A.C., properly abandoned in accordance with Chapter 40D-3.531, F.A.C. and Sarasota County Code of Ordinance No. 2006-032, Chapter 381-392.

In certain instances, the owner may obtain permission from the SCHD to retain a well not in use. It will be the **owner's** responsibility to have such inactive well properly capped in an air and water tight manner. If the pump and well seal are water tight, the pump may be left in place.

Inactive wells with a SWFWMD Water Use Permit (WUP) must abide by the following:

A. Wells with a diameter of six (6) inches or more without pumping equipment shall have the well casing extended a minimum of two (2) feet above land surface.

B. Wells with a diameter of less than six (6) inches without pumping equipment shall be securely set in a concrete slab and have either the well casing extended a minimum height of two (2) feet above land surface or a protective cover centered over the well casing. The concrete slab shall be a minimum of four (4) inches in thickness by two (2) feet by two (2) feet square. The protective cover shall be set in the concrete slab and extend a minimum of two (2) feet above land surface.

In flood prone areas all inactive wells shall extend a minimum of one (1) foot above the 100 year flood elevation, if practical, in accordance with Chapter 40D-3.521(4), F.A.C.

A. Any plugging operations shall be permitted separately from this permit by the SCHD and be witnessed by a SCHD representative. Arrangement for an observer shall be made at least twenty-four (24) hours in advance of these operations. The SCHD staff will be available for assignment during normal working hour (8:00 AM – 5:00 PM), Monday through Friday. Inspection exceptions by SCHD for extenuating circumstances require prior approval. For scheduling, please contact the appropriate Water Well Permitting Section Office:

Sarasota (941) 861-6133 North of Blackburn Point Road
Venice (941) 861-3310 South of Blackburn Point Road.

SWFWMD Permit #: 785263

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-15 WELL NAME:

DESIGNATION: Background Intermediate (Detection) Compliance

LATITUDE/LONGITUDE: N 1042404.8 / E 528732.1 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 27.2' DEPTH OF SCREEN (bls): 17.1' - 26.6'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 20.4' (3.3' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 44.32'

GROUND SURFACE ELEVATION (MSL): 41.0'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 23 minutes, repeatedly went dry, Conductivity stabilized at 2.54 mS, total volume pumped = 8.0 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 18.46'

DATE AND TIME MEASURED: 8/6/09, 8:45

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/22/09 START: FINISH:
GROUND SURFACE ELEVATION: 41.0
WATER TABLE DEPTH: 23.0 TIME: DATE: 6/22/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	40				SP-SM	dark gray fine sand with silt					
5	35										
10	30				SP-SM	dark brown fine sand with silt					
					SP-SM	brown fine sand with silt					
15	25				SP-SM	dark gray fine sand with silt					
20	20				SP-SM	grayish brown fine sand with silt					
25	15				SP	gray fine sand					
						end of boring					
30	10										
35	5										

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-15

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.6 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	17
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS _____mg/l
Conductivity _____umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/22/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other

DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 23.03 Measured Pumping Water Level: _____
After ____Hours at _____GPM. Measuring Pt. (Describe): _____
Which is _____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole
[X] Screen

Casing Diameter and Depth (ft.)

Diameter: 2
From: 0
To: 17

Diameter: _____
From: _____
To: _____

Liner [ ] or Casing [ ]
Diameter: _____
From: _____
To: _____

Depth (feet)

From	To
0	27

DRILL CUTTINGS LOG
Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones.

Color | Grain Size | Type of Material

0 27 brown fine sand

MW-15

Driller's Name (print or type): Daniel E Peace

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-16 WELL NAME:

DESIGNATION: Background Intermediate (Detection) Compliance

LATITUDE/LONGITUDE: N 1042410.6 / E 528190.0 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 27.1' DEPTH OF SCREEN (bls): 16.9' - 26.4'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 20.1' (3.2' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 43.73'

GROUND SURFACE ELEVATION (MSL): 40.5'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 26 minutes, repeatedly went dry, Conductivity stabilized at 3.13 mS, total volume pumped = 4.0 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 17.39'

DATE AND TIME MEASURED: 8/6/09, 9:00

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/22/09 START: FINISH:
GROUND SURFACE ELEVATION: 40.5
WATER TABLE DEPTH: 23.6 TIME: DATE: 6/22/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	40				SP-SM	brown fine sand with silt					
5	35				SP	gray fine sand					
					SP-SM	brown fine sand with silt					
10	30				SP-SM	dark gray fine sand with silt					
15	25				SP-SM	dark brown fine sand with silt					
20	20				SP-SM	grayish brown fine sand with silt					
25	15				SP-SC	gray fine sand with clay					
						end of boring					
30	10										
35	5										

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-16

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.5 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	16.5
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS _____mg/l
Conductivity _____umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/16/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other

DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 23.60 Measured Pumping Water Level: _____
After ____Hours at _____GPM. Measuring Pt. (Describe): _____
Which is _____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole [X] Screen	Depth (feet)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones.
Casing Diameter and Depth (ft.)	From	To	*Color* | *Grain Size* | *Type of Material*
Diameter: 2 From: 0 To: 16.5	0	26.5	gray fine sand
Diameter: _____ From: _____ To: _____			
Liner [ ] or Casing [ ] Diameter: _____ From: _____ To: _____			

MW-16

Driller's Name (print or type): Daniel E Peace

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-17 WELL NAME: _____

DESIGNATION: Background _____ Intermediate (Detection) Compliance _____

LATITUDE/LONGITUDE: N 1042438.9 / E 527623.9 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 29.3' DEPTH OF SCREEN (bls): 19.2' - 28.7'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 22.5' (3.3' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 46.15'

GROUND SURFACE ELEVATION (MSL): 42.85'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 30 minutes, repeatedly went dry, Conductivity stabilized at 1.57 mS, total volume pumped = 3.0 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 16.54'

DATE AND TIME MEASURED: 8/6/09, 9:15

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/22/09 START: FINISH:
GROUND SURFACE ELEVATION: 42.85
WATER TABLE DEPTH: 27.1 TIME: DATE: 6/22/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	40				SP-SM	brown fine sand with silt					
5	35				SP-SM	dark brownish gray fine sand with silt					
10	30				SP-SM	brown fine sand with silt					
15	25				SP	gray fine sand					
20	20				SP-SC	gray fine sand with clay					
25	15					end of boring					
30	10										
35											

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-17

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.4 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	18.85
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS ____ mg/l
Conductivity ____ umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/22/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other
DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 27.15 Measured Pumping Water Level: _____
After ____Hours at ____GPM. Measuring Pt. (Describe): _____
Which is ____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole
[X] Screen

Casing Diameter and Depth (ft.)

Diameter: 2
From: 0
To: 18.85

Diameter: _____
From: _____
To: _____

Liner [ ] or Casing [ ]
Diameter: _____
From: _____
To: _____

Depth (feet)

From	To
0	28.85

DRILL CUTTINGS LOG
Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones.

Color	Grain Size	Type of Material
brown	fine	sand

MW-17

Driller's Name (print or type): Daniel E Peace

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-18 WELL NAME: _____

DESIGNATION: Background _____ Intermediate (Detection) Compliance _____

LATITUDE/LONGITUDE: N 1043718.8 / E 527295.9 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 22.7' DEPTH OF SCREEN (bls): 12.5' - 22.0'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 15.6' (3.0' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 39.14'

GROUND SURFACE ELEVATION (MSL): 36.1'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 25 minutes, repeatedly went dry,
Conductivity stabilized at 0.495 mS, total volume pumped = 4.5 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 16.92'

DATE AND TIME MEASURED: 8/6/09, 9:30

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/16/09 START: FINISH:
GROUND SURFACE ELEVATION: 36.1
WATER TABLE DEPTH: 19.4 TIME: DATE: 6/16/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	35				SP-SM	brown fine sand with silt					
5	30				SP-SM	dark gray fine sand with silt					
					SP-SM	dark brown fine sand with silt					
10	25				SP-SM	brown fine sand with silt					
15	20										
20	15					end of boring					
25	10										
30	5										
35	0										

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-18

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.3 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	12.1
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS _____mg/l
Conductivity _____umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/16/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other

DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 19.42 Measured Pumping Water Level: _____
After ____Hours at _____GPM. Measuring Pt. (Describe): _____
Which is _____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole
[X] Screen

Casing Diameter and Depth (ft.)

Depth (feet) From To

DRILL CUTTINGS LOG
Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones.
Color | Grain Size | Type of Material

Diameter: 2
From: 0
To: 12.1

0 22.1 brown fine sand

Diameter: _____
From: _____
To: _____

Liner [ ] or Casing [ ]
Diameter: _____
From: _____
To: _____

MW-18

Driller's Name (print or type): Daniel E Peace

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-19 WELL NAME:

DESIGNATION: Background Intermediate (Detection) Compliance

LATITUDE/LONGITUDE: N 1043132.8 / E 527518.9 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 19.9' DEPTH OF SCREEN (bls): 9.8' - 19.3'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 12.9' (3.1' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 36.81'

GROUND SURFACE ELEVATION (MSL): 33.7'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 49 minutes, repeatedly went dry, Conductivity stabilized at 0.638 mS, total volume pumped = 4.25 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 16.80'

DATE AND TIME MEASURED: 8/6/09, 9:45

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/16/09 START: FINISH:
GROUND SURFACE ELEVATION: 33.7
WATER TABLE DEPTH: 17.3 TIME: DATE: 6/16/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	30				SP-SM	brown fine sand with silt					
5	25				SP-SM	dark gray fine sand with silt					
10	20				SP-SM	brown fine sand with silt					
15	15				SP-SM	dark brown fine sand with silt					
20	10				SP-SM	brown fine sand with silt					
25	5					end of boring					
30	0										
35											

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-19

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.2 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	9.7
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS _____ mg/l
Conductivity _____ umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/16/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other

DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 17.32 Measured Pumping Water Level: _____
After ____Hours at _____GPM. Measuring Pt. (Describe): _____
Which is _____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole
[X] Screen

Casing Diameter and Depth (ft.)

Depth (feet) — From | To

DRILL CUTTINGS LOG
Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones.
Color | Grain Size | Type of Material

Diameter: 2
From: 0
To: 9.7

0 19.7brown fine sand

Diameter: _____
From: _____
To: _____

Liner [ ] or
Casing [ ]
Diameter: _____
From: _____
To: _____

MW-19

Driller's Name (print or type): Daniel E Peace

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: 8/11/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: MW-20 WELL NAME:

DESIGNATION: Background Intermediate (Detection) Compliance

LATITUDE/LONGITUDE: N 1043727.6 / E 527521.7 (northing/easting)

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH (bls): 19.4' DEPTH OF SCREEN (bls): 9.3' - 18.8'

SCREEN LENGTH: 9.5' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: Slotted PVC

CASING DIAMETER: 2" CASING TYPE: Flush-threaded PVC

LENGTH OF CASING: 12.3' (3.1' above grade) FILTER PACK MATERIAL: 20/30 silica sand

TOP OF CASING ELEVATION (MSL): 35.96'

GROUND SURFACE ELEVATION (MSL): 32.9'

COMPLETION DATE: 6/24/09

DESCRIBE WELL DEVELOPMENT: Pumped for 26 minutes, repeatedly went dry, Conductivity stabilized at 1.674 mS, total volume pumped = 3.0 gallons

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): 16.42'

DATE AND TIME MEASURED: 8/6/09, 10:00

REMARKS (soils information, stratigraphy, etc.): See attached soil boring log

REPORT PREPARED BY: Jerry H. Kuehn, P.E. (Ardaman & Associates, Inc.) 941-922-3526
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG

(bls) = Below Land Surface

BORING LOCATION: see Figure 1

DATE DRILLED: 6/16/09 START: FINISH:
GROUND SURFACE ELEVATION: 32.9
WATER TABLE DEPTH: 17.0 TIME: DATE: 6/16/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Phase II
LOCATION: Knights Trail Road, Sarasota County, FL
DRILL CREW: DP/MO LOGGED BY: DP

DRILL MAKE & MODEL: CME-45 BIT: DRILLING RODS:
DRILLING METHOD: auger WEATHER CONDITIONS:

DEPTH, FT.	ELEVATION, FT	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT (%)	LIQUID LIMIT	PLAST. INDEX
0	30				SP-SM	dark brown fine sand with silt					
5	25				SP-SM	brown fine sand with silt					
					SP-SM	dark brown fine sand with silt					
10	20				SP-SM	brown fine sand with silt					
					SP	gray fine sand					
15	15				SP-SM	dark brown fine sand with silt					
					SP	light gray fine sand					
20	10					end of boring					
25	5										
30	0										
35											

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

REVIEWED BY: Jerry H. Kuehn, P.E. FILE NO: 09-8647 BORING NO.: MW-20

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT #: 785263.1 CUP/WUP#: _____ DID#: _____
Indicate the number of wells drilled/abandoned for this report: 1
Indicate the number of wells permitted but not drilled/abandoned that are being cancelled: _____

WATER WELL CONTRACTOR'S
SIGNATURE Digitally Signed License # 9418
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	3	0	8.8
Bentonite:			
(Other)			

WELL LOCATION: County Sarasota
_____ 1/4 of _____ 1/4 of Section 3, Township 38, Range 19
Latitude: 27° 12' 9.3", Longitude: -82° 23' 41.11"

DATE STAMP
Jun 25 2009
Official Use Only

Sketch of well location on property

Give distances from septic tank and house, or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED
Iron: ____ppm Sulfate: ____ppm
Chlorides: ____ ppm TDS _____mg/l
Conductivity _____umhos/cm
[ ] Lab Test [ ] Field Test Kit

Pump Type
[ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine
Horsepower: _____ Capacity: _____ GPM: _____
Pump Depth: _____ft. Intake Depth: _____ft.

Form LEG-R.005.00(10/05)

OWNER'S NAME: SARASOTA COUNTY
COMPLETION DATE: 06/16/2009 Florida Unique I.D.: _____
Parcel # (Pin): 0327-00-1000
WELL USE:
[ ] Public Supply [ ] Irrigation [ ] Domestic [X] Monitor
[ ] Injection [ ] Other
DRILL METHOD:
[ ] Rotary [ ] Cable Tool [ ] Combination
[ ] Jet [X] Auger [ ] Other _____

Measured Static Water Level: 17.04 Measured Pumping Water Level: _____
After ____Hours at _____GPM. Measuring Pt. (Describe): _____
Which is _____ft. [ ] above [X] below land surface
Casing: [ ] Black Steel [ ] Galvanized [X] PVC [ ] Other: _____

[ ] Open Hole
[X] Screen

Casing Diameter and Depth (ft.)

Diameter: 2
From: 0
To: 8.8

Diameter: _____
From: _____
To: _____

Liner [ ] or Casing [ ]
Diameter: _____
From: _____
To: _____

Depth (feet) From	To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. *Color | Grain Size | Type of Material*
0	18.8	brown fine sand

MW-20

Driller's Name (print or type): Daniel E Peace

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

MONITOR WELL COMPLETION REPORT

DATE: 8/13/09

INSTALLATION NAME: Central County Solid Waste Disposal Complex, Phase II

DEP PERMIT NUMBER: 130542-006-SC/01 GMS NUMBER: WACS No. SWD/58/51614

WELL NUMBER: GP-09 WELL NAME: Gas Probe

DESIGNATION: Background _____ Immediate _____ Compliance _____

LATITUDE/LONGITUDE: 27 12.191/82 23.769

AQUIFER MONITORED: NA

INSTALLATION METHOD: Hollow-stem auger

INSTALLED BY: Daniel Peace

TOTAL DEPTH: 14.0' (bls) DEPTH OF SCREEN: 2.0'-14.0' (bls)

SCREEN LENGTH: 12.0' SCREEN SLOT SIZE: 0.010" SCREEN TYPE: PVC SCH 80 slotted

CASING DIAMETER: 1" CASING TYPE: PVC SCH 80

LENGTH OF CASING: 5.0' (3.0' above grade) FILTER PACK MATERIAL: Pea gravel

TOP OF CASING ELEVATION (MSL): 23.75'

GROUND SURFACE ELEVATION (MSL): 20.75'

COMPLETION DATE: 7/15/09

DESCRIBE WELL DEVELOPMENT: NA

POST DEVELOPMENT WATER LEVER ELEVATION (MSL): NA

DATE AND TIME MEASURED: NA

REMARKS: (soils information, stratigraphy, etc.) :See attached soil boring log

REPORT PREPARED BY: Ashby Hoover, P.E. (Ardaman & associates, Inc.)
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

BORING LOCATION: See report

DATE DRILLED: 7/15/09 START: FINISH:
GROUND SURFACE ELEVATION: 20.75
WATER TABLE DEPTH: 5.2' TIME: DATE: 6/23/09

CLIENT: Sarasota County Government
PROJECT: CCSWDC, Ph 2, gas well
LOCATION: See report

DRILL CREW: Dan & Mark LOGGED BY: Mark O.

DRILL MAKE & MODEL: CME 45 BIT: fishtail DRILLING RODS:
DRILLING METHOD: hollow-stem auger WEATHER CONDITIONS:

DEPTH, FT.	SPT N-VALUE	SAMPLE NO.	GRAPHIC LOG	USCS	SOIL DESCRIPTION	WATER CONTENT (%)	PERCENT FINES	ORGANIC CONTENT	LIQUID LIMIT	PLAST. INDEX
0				SP-SM	mixed brown fine sand w/silt (fill)					
2				SP	gray fine sand w/orange streaks					
				SP	pale brown fine sand w/orange streaks					
				SP	pale brown fine sand					
4				SP	pale brown fine sand w/orange streaks					
				SP-SM	yellow-brown fine sand with silt					
				SP	gray fine sand					
6				SP-SC	gray fine sand with clay					
8				SC	gray clayey fine sand					
10				SP-SM	brown fine sand w/silt, trace clay					
12				ML	gray slightly cemented silt w/phosphate					
14					End of boring					

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

REVIEWED BY: Craig Obrecht, P.E. FILE NO: 09-8647 BORING NO.: GP-09

APPENDIX II

Table 1
Water Level Readings
at Monitor Wells and Staff Gages

Location	* Northing (feet)	* Easting (feet)	* Reference Elev. (ft, NGVD)	Water Level Reading 8/6/09 (feet)	Water Elev. 8/6/09 (ft, NGVD)
CW-8A	1042360.1	530431.3	26.13	8.96	17.17
CW-9	1042350.9	529649.8	26.58	8.65	17.93
CW-10R	1042345.4	529175.2	26.98	8.88	18.10
MW-1R	1044063.4	531247.2	24.43	6.95	17.48
MW-3	1042068.0	533688.7	23.34	5.25	18.09
MW-5	1040813.1	534605.9	23.19	4.45	18.74
MW-8A	1042388.5	530463.6	28.64	11.37	17.27
MW-9	1042395.9	529706.2	35.11	17.29	17.82
MW-10R	1042392.4	529200.8	31.79	13.86	17.93
MW-15	1042404.8	528732.1	44.32	25.86	18.46
MW-16	1042410.6	528190.0	43.73	26.34	17.39
MW-17	1042438.9	527623.9	46.15	29.61	16.54
MW-18	1042718.8	527295.9	39.14	22.22	16.92
MW-19	1043132.8	527518.9	36.81	20.01	16.80
MW-20	1043727.6	527521.7	35.96	19.54	16.42
STW-1A	1044638.2	527593.4	17.23	2.97	20.20
STW-2A	1042752.8	527136.9	15.18	1.72	16.90
STW-3A	1040490.5	527811.1	14.43	1.32	15.75
STW-4A	1038957.4	527929.6	13.35	1.50	14.85
STW-5B	1038968.0	529270.5	14.04	1.35	15.39
STW-6A	1038234.7	531387.7	12.67	2.26	14.93
STW-7A	1040822.1	534259.2	15.02	2.19	17.21

* Determined by others.

Note: Reference elevation is the top of PVC casing for monitor wells, and the 0.00' mark for staff gages.

APPENDIX III

1 14

Location _____ Date 6·30·09

Project / Client Sarasota CCSWDC / 09-8647

Collected grab groundwater samples from MW-19 and MW-20.

- Samples to be analyzed for Total ammonia by method SM4500; Bicarbonate & Carbonate by method SM 2320; Chlorides, Nitrate & Sulfate by method 300.1; TDS by method SM 2540, Mercury by method 7470; Ca, Fe, Mg, K and Na by method 6010; and Parameters listed in 40 CFR 258, Appendix II (8141, 8151, 8270, 8081, 8011, 8260 and metals by 6010).

See Field Calibration Worksheet and Groundwater Sampling Logs for details.

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

FIELD CALIBRATION WORKSHEET

DEP-SOP-001/01, FT 1000 General Field Testing and Measurement

Project ID: Sarasota CCSWDC / 09-8647 Date: 6.30.09

Sample Location(s): MW-19, MW-20 Technician: Michael Eggleston

Operational Notes:

1) Local Barometric Pressure is required for proper DO meter calibration. Obtain reading prior to mobilizing to field. **Barometric Pressure***

2) **DO Calibration**: Insert dry probe into calibration bottle after excess water has been removed. Sponge should be moist only. After initially powering on DO meter, allow 10 to 15 minutes for readings to stabilize. Press **CAL**. Adjust barometric pressure and press enter key once. Once reading stabilizes press enter key again. If applicable adjust salinity value, otherwise just press enter key to complete calibration.

1009 **mBar**

3) **pH Calibration:** Place probe in 7.00 buffer, press and hold **STAND** until "SLOPE" flashes. Rinse probe with distilled water, then place in 2nd buffer and press **SLOPE** to complete calibration.

4) **Conductivity Calibration**: Press **CAL** to enter calibration mode. Fully immerse probe in standard and shake lightly to remove air bubbles. Press **MODE** until "Conductivity" displays. Adjust reading to standard value. Press enter key to complete calibration.

Table FT 1500-1 100% Saturation vs Temperature	
Temp. °C	DO
12.0	10.777
13.0	10.537
14.0	10.306
15.0	10.084
16.0	9.870
17.0	9.665
18.0	9.467
19.0	9.276
20.0	9.092
21.0	8.915
22.0	8.743
23.0	8.578
24.0	8.418
25.0	8.263
26.0	8.113
27.0	7.968
28.0	7.827
29.0	7.691
30.0	7.559
31.0	7.430
32.0	7.305
33.0	7.183

Instrument Calibration

Parameter	Readings / Time						Table FT 1000-1 Acceptance Criteria
	Initial Prior to Calibration	Directly After Calibration	Calibration Check	Final After Sampling	Calibration Check****	Units	
pH (7)**	6.98 @ 08:25	6.98 @ 08:26	PASS ☑ FAIL ☐	6.96 @ 15:30	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
pH (4)**	4.19 @ 08:27	4.01 @ 08:27	PASS ☑ FAIL ☐	4.19 @ 15:30	PASS ☑ FAIL ☐	SU	
ph (10)**	@	@	PASS ☐ FAIL ☐	@	PASS ☐ FAIL ☐	SU	
Conductivity*** (1413)	1371 @ 08:33	1417 @ 08:35	PASS ☑ FAIL ☐	1454 @ 15:32	PASS ☑ FAIL ☐	µS/cm	± 5% of Standard Value
Dissolved Oxygen - 100% Saturation in Air	7.49 29.6 @ 08:41	7.52 29.6 @ 08:42	PASS ☑ FAIL ☐	7.85 30.3 @ 15:37	PASS ☑ FAIL ☐	mg/L °C	± 0.3 mg/L of Theoretical Value
Turbidity (0.0)	-0.03 @ 08:38	0.00 @ 08:38	PASS ☑ FAIL ☐	0.1 @ 15:34	PASS ☑ FAIL ☐	NTU	± 10% of Standard Value
Turbidity (40.0)	33.0 @ 08:39	39.7 @ 08:40	PASS ☑ FAIL ☐	37.0 @ 15:35	PASS ☑ FAIL ☐	NTU	± 8% of Standard Value

* Source: http://www.wunderground.com/US/FL/ (To convert Inches of Hg to mBar, multiply by 33.864)

** pH meter uses a 2-point calibration. Use the 7.00 buffer for the first point and then select the second point to bracket the sample.

*** **Temperature Compensated Conductivity** - Measurement of conductivity, compensated to 25°C. "°C" flashes during measurement.

**** If calibration check fails, report readings as estimated noted with a "J" data qualifier on the Groundwater Sampling Log.

Standard and Reagent Documentation

Description	Manufacturer	Catalog #	Lot #	Color	Expiration
pH Buffer 4.00	Geotech Environmental Equipment, Inc.	GTBU5004-P	8AI314	Pink	Sep/10
pH Buffer 7.00	Geotech Environmental Equipment, Inc.	GTBU5007-P	8AJ222	Yellow	Oct/10
pH Buffer 10.00	Geotech Environmental Equipment, Inc.	GTBU5010-P	8AI073	Blue	Sep/10
Conductivity Standard 1413 µS/cm	Geotech Environmental Equipment, Inc.	GTCS1413-P	8AJ095	Colorless	Oct/09
Turbidity Standard 0.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Black	Aug/07
Turbidity Standard 40.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Pale White	Aug/07

Field Instrument Documentation

Description	Manufacturer / Model #	Serial #
Portable pH/Temp. Meter	YSI EcoSense pH100	JC03145
Portable Conductivity/Temp. Meter	YSI EcoSense EC300	JC00834
Portable DO/Temp. Meter	YSI EcoSense DO200	JC05681
Portable Turbidimeter	Orbeco-Hellige 966	1415

Comments:

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-19	SAMPLE ID: MW-19	DATE: 6.30.09

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 12.7 feet to 22.7 feet	STATIC DEPTH TO WATER (feet): 20.48	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

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

= (23.03 feet – 20.48 feet) X 0.16 gallons/foot = 0.41 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): 21.5	PURGING INITIATED AT: 11:33	PURGING ENDED AT: 13:09	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)
11:47	0.5	0.5	0.04	20.89	6.04	28.7	732	0.48	100	Yellowish Brown	None
12:01	0.3	0.8	0.02	20.92	6.04	28.6	733	0.53	110	Same	Same
12:38	0.4	1.2	0.03	20.79	6.05	28.7	710	0.54	110	Same	Same
12:51	0.3	1.5	0.02	20.92	5.99	27.1	703	0.42	100	Same	Same
12:59	0.25	1.75	0.03	21.00	5.97	27.3	695	0.47	90	Same	Same
13:09	0.25	2.0	0.03	21.03	5.98	27.3	693	0.73	90	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"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 13:12	SAMPLING ENDED AT: 14:50
PUMP OR TUBING DEPTH IN WELL (feet): 21.5	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-19	4	AG	1L	4°C	N/A		8141/8151/8270/8081	APP	100
	1	PE	250mL	HNO_3 + 4°C	Premeasured		6010*/7470	APP	100
	1	PE	500mL	4°C	N/A		SM 2320	APP	100
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM2540 9012/300.1	APP	100
	3	CG	40mL	4°C	N/A		8011	SM	N/A
	3	CG	40mL	HCl + 4°C	Premeasured		8260	SM	N/A

REMARKS: * Title 40 CFR 258, App II metals plus Ca, Fe, Mg, K, Na
Preservatives: SM4500/SM2540 – H_2SO_4 + 4°C, 9012 – NaOH + 4°C, 300.1 – 4°C
Note: Purging paused from 12:12 to 12:35 due to rain.

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

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-20	SAMPLE ID: MW-20
DATE: 6.30.09	

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 11.9 feet to 21.9 feet	STATIC DEPTH TO WATER (feet): 20.20	PURGE PUMP TYPE OR BAILER: MasterFlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.48 feet − 20.20 feet) X 0.16 gallons/foot = 0.36 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): 21.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	PURGING INITIATED AT: 08:46	PURGING ENDED AT: 09:32	TOTAL VOLUME PURGED (gallons): 1.4

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)
08:54	0.5	0.5	0.06	20.73	6.67	26.9	1506	0.46	32	V. Pale Brown Sl organic	
09:05	0.3	0.8	0.03	20.84	6.72	27.9	1520	0.97	11	Faint yellow	Same
09:18	0.3	1.1	0.02	20.90	6.76	27.9	1534	0.82	7.4	V. Faint yellow	Same
09:32	0.3	1.4	0.02	20.90	6.82	27.9	1531	0.78	6.4	Same	V. Sl organic

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: 9:36	SAMPLING ENDED AT: 10:51
PUMP OR TUBING DEPTH IN WELL (feet): 21.5	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-20	4	AG	1L	4°C	N/A		8141/8151/8270/8081	APP	80
	1	PE	250mL	HNO_3 + 4°C	Premeasured		6010*/7470	APP	80
	1	PE	500mL	4°C	N/A		SM 2320	APP	80
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM2540 9012/300.1	APP	80
	3	CG	40mL	4°C	N/A		8011	SM	N/A
	3	CG	40mL	HCl + 4°C	Premeasured		8260	SM	N/A

REMARKS: * Title 40 CFR 258, App II metals plus Ca, Fe, Mg, K, Na
Preservatives: SM4500/SM 2540 − H_2SO_4 + 4°C, 9012 − NaOH + 4°C, 300.1 − 4°C

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

PEL
A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc., Inc.
78 Sarasota Center Blvd.
Sarasota FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647
Site Name: Sarasota CCSWDC
Location: 4000 Knights Trail Rd. Venice, Sarasota Co. State: FL
Sampler(s): Michael Eggleston Michael Eggleston

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice Only 10=_____ 11=_____

List preservative code below: 9 4 9 3 5 9 9 2

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
~~X1=~~ W= Water X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151 8270/8081	6010*/7470	SM 2320	SM 2540/SM4500	9012	300.1	8011	8260
	MW-20	6.30.09	10:51	G	GW	6	4		6	X	X	X	X	X	X	X	X
	MW-19	6.30.09	14:50	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	W	1											
	TRIP BLANK	—	—	—	W	1											
	TEMP. BLANK	—	—	—	W	1											
	TRIP BLANK	—	—	—	W	1											

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards:

* Title 40 CFR 258 App. II metals plus Ca, Fe, Mg, K, Na.

☐ E-mail to _____
EDD Format _____

Relinquished by:	Received by:	Date:	Time:
6-22-09			
Michael Eggleston/Ardaman 7.01.09 0800		7/1/09	1015

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C _____

PEL a division of Spectrum Analytical, Inc.
featuring HANIBAL TECHNOLOGY

Florida Department of Health #E84207
June 30, 2009

CWA - Extractable Organics, General Chemistry,Metals,
Pesticides-herbicides-PCB's, Volatile Organics
RCRA/CERCLS - Extractable Organics, General Chemistry, Metals
Pesticides-Herbicides-PCB's, Volatile Organics

- CERTIFICATE OF ANALYSIS -

Report Date: 07/10/2009

To: Jerry Kuehn
Ardaman & Associates
78 Sarasota Center Boulevard
Sarasota, FL 34240
USA

W 941-922-3526
F 941-922-6743

PROJECT ID:	Sarasota CCSWDC
WORK ORDER:	2512996
DATE RECEIVED:	Thursday, July 02, 2009

Project Notes:

@@@@@@ Subcontracted to lab certification # 87600/E87936

(†): Short Hold Time Analysis Date

Samples reported on dry weight basis
All test results in this report pertain only to the samples as submitted.

PEL Contact: Mark Gudnason / extension: 242

8405 Benjamin Road, Suite A• Tampa, Florida 33634
813-888-9507• FAX: 800-480-6435
Website: www.pelab.com

PEL a division of Spectrum Analytical, Inc.
featuring Hanibal Technology

DATA QUALIFIER CODES

State of Florida, Department of Environmental Protection and
Department of Health Rehabilitative Services / NELAC

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

J Estimated value; value not accurate. This code shall be used in the following instances:

1. Surrogate recovery limits have been exceeded.
2. No known quality control criteria exits for the component.
3. The reported value did not meet the established quality control criteria for either precision or accuracy but falls within the NELAC marginal exceedance range.

3M. 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.

3R. The RPD for the LCSD exceeds the laboratory established control limits.

4. The sample matrix interfered with the ability to make an accurate determination.
5. The data is questionable because of improper laboratory or field protocols (e.g. composite sample was collected instead of a grab sample).

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

Q Sample held beyond acceptable 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 the sample preparation or analysis.

U Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).

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.

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

Note: There was not sufficient sample volume to perform a matrix spike/duplicate for the following method(s).
: 300.1, 335.4OL, 8081, 8141, 8151, 8260, 8270
A Blank and Laboratory Control sample was analyzed to ensure the method performed within acceptable guidelines.

RL - Reporing Limit. The PEL lowest Practical Quanititation Limit (PQL), defined by the lowest point in the calibration curve.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: There is no preparation step for this method.

B. Sample Analysis: All hold time criteria were met.

III. METHOD

Analyses were performed according to EPA method 300.1 and the PEL, a Division of Spectrum Analytical, Standard Operating Procedure.

IV. PREPARATION

There is no preparation step for this method.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB737214 was analyzed on 07/07/09 07:03. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L.

CCB737206 was analyzed on 07/07/09 11:35. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L, Sulfate at 0.43 MG/L.

CCB737207 was analyzed on 07/07/09 16:34. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

ICB737388 was analyzed on 07/07/09 18:19. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

CCB737386 was analyzed on 07/07/09 23:18. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L. Since the hits in the blank are below the reporting limit, no further action was taken.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 070609MB2 was analyzed with the water samples on 07/07/09. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

Blank 070709MB was analyzed with the water samples on 07/07/09. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L, Sulfate at 0.44 MG/L.
Samples coded accordingly. Since the hits in the blank are below the reporting limit, no further action was taken.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

E. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

F. Samples:

Sample analysis proceeded normally.
Sample MW-19 required a 20X dilution due to high concentration of the following analyte(s): Chloride, Sulfate. This sample was diluted 20X and filtered because the sample was very dark.

Sample MW-20 required a 5X dilution due to high concentration of the following analyte(s): Chloride.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **07/08/2009**

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. ICP Interference Check Samples:

All acceptance criteria were met.

G. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE:** 07/09/2009

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB288167 was analyzed on 07/08/09 07:39. The following analyte(s) were detected below RL: Mercury at -0.073 UG/L.
CCB288170 was analyzed on 07/08/09 07:44. The following analyte(s) were detected below RL: Mercury at -0.0823 UG/L.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

2. **Post Digestion Spike:**

   All acceptance criteria were met.

3. **Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):**

   No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gode

SIGNED: **DATE:** 07/09/2009

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

SW846/EPA 8011.

IV. PREPARATION

Water samples were prepared by SW846/EPA 8011 for semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED:  **DATE:** **07/07/2009**

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8081.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8081 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample MW-19 was recovered below criteria for the following surrogate(s): 2,4,5,6-tetrachloro-m-xylene at 27.3 % with criteria of (45-125), Decachlorobiphenyl at 27.3 % with criteria of (34-133).

The most probable cause of this is the sample matrix. Heavy emulsion formation was noted during the extraction. Therefore no further action was taken.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **07/08/2009**

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8141.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8141 semi-volatiles analysis

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample MW-19 was recovered below criteria for the following surrogate(s): TPP-Triphenylphosphate at 19.8 % with criteria of (60-130).

The most probable cause is matrix interference since heavy emulsion formation was noted during the extraction. Therefore no further action was taken.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** 07/08/2009

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8151 chlorinated acid herbicides.

IV. PREPARATION

Water samples were prepared by EPA SW846 3510 for 8151 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample MW-19 was recovered below criteria for the following surrogate(s): DCAA at 51.7 % with criteria of (54-103).

This is most likely due to sample matrix interference. Heavy emulsion formation was noted during extraction. Therefore no further action was taken.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 548LCSD was analyzed with the water samples extracted on 07/07/09. All criteria were met. The following analyte(s) exceeded RPD criteria: 2,4-DB at 28 % with criteria of (20), Dalapon at 22.2 % with criteria of (20).

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

Since all recoveries were within control limits no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

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SIGNED: **DATE:** 07/09/2009

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Water samples were prepared by SW846/5030 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 070809LCSA32D was analyzed with the water samples on 07/08/09. The following analyte(s) were recovered above criteria: Methylene chloride at 120 % with criteria of (75-111). The following analyte(s) exceeded RPD criteria: 1,4 Dioxane at 34.9 % with criteria of (20), 2-Butanone at 22.1 % with criteria of (20), Acetone at 21.8 % with criteria of (20). The following analyte(s) had marginal exceedance limit failures: Methylene chloride at 120 % with criteria of (69-117).

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

No further action was taken for Methylene chloride, as the high range was exceeded. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

Analytes were detected in Trip Blank Trip Blank-1. The following analyte(s) were detected below RL: Acetone at 5.9 UG/L. The following analyte(s) were detected above RL: Methylene chloride at 7.4 UG/L.

Analytes were detected in Trip Blank Trip Blank-2. The following analyte(s) were detected below RL: Acetone at 7.5 UG/L. The following analyte(s) were detected above RL: Methylene chloride at 7.3 UG/L.

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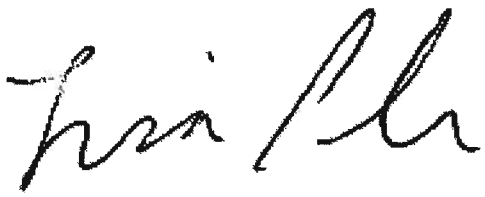
SIGNED:  **DATE:** 07/09/2009

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Please note that the second source SSC734996 (AP9SEC.D) did not meet criteria for methapyrilene and 3-methylcholanthrene with 202.2 %D and 109.6 %D, respectively. The most probable cause for these variances is a difference between the stock standards. Investigation is being conducted. Since these analytes were not detected in the samples, no further action was taken.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 551LCS was analyzed with the water samples extracted on 07/07/09. The following analyte(s) were recovered below criteria: a,a-Dimethylphenethylamine at 0 % with criteria of (10-100). and the following analyte(s) were recovered above criteria: 3-Methylcholanthrene at 162 % with criteria of (54-123), Methapyriline at 87.8 % with criteria of (10-55). The following analyte(s) had marginal exceedance limit

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

failures: 3-Methylcholanthrene at 162 % with criteria of (42.5-134.5), Methapyriline at 87.8 % with criteria of (2.5-62.5).

LCS 551LCSD was analyzed with the water samples extracted on 07/07/09. The following analyte(s) were recovered below criteria: 3,3'-Dimethylbenzidine at 0 % with criteria of (16-94), 4-Aminobiphenyl at 38.5 % with criteria of (54-122), a,a-Dimethylphenethylamine at 0 % with criteria of (10-100). and the following analyte(s) were recovered above criteria: 3-Methylcholanthrene at 168 % with criteria of (54-123), Bis(2-Chloroethoxy)methane at 107 % with criteria of (61-105), N-Nitrosodimethylamine at 90 % with criteria of (36-89), N-Nitrosodiphenylamine at 111 % with criteria of (71-110). The following analyte(s) exceeded RPD criteria: 2-Naphthylamine at 24.3 % with criteria of (20), 2-Picoline at 38.8 % with criteria of (20), 3,3'-Dimethylbenzidine at 200 % with criteria of (20), 4-Aminobiphenyl at 39.6 % with criteria of (20), Acetophenone at 35.5 % with criteria of (20), Methapyriline at 125.8 % with criteria of (20), Pyridine at 35.6 % with criteria of (20). The following analyte(s) had marginal exceedance limit failures: 3,3'-Dimethylbenzidine at 0 % with criteria of (3-107), 3-Methylcholanthrene at 168 % with criteria of (42.5-134.5), 4-Aminobiphenyl at 38.5 % with criteria of (42.7-133.3).

Since all other analytes met all acceptance criteria, no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

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CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512996

Client: Ardaman & Associates

SIGNED: Tara Keene **DATE:** 07/09/2009

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601
Client ID : MW-20
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**1030**	07/07/2009 18:04		MG/L	9.86	10	2
Sulfate	300.1		**3.3**	(†) 07/07/2009 15:12		MG/L	0.062	1	1
DCA(SURR)	300.1		100	(†) 07/07/2009 15:12		%	0.062	(90 - 115)	1
Chloride	300.1		**87.9**	(†) 07/07/2009 22:24		MG/L	0.65	5	5
DCA(SURR)	300.1		101.2	(†) 07/07/2009 22:24		%	0.65	(90 - 115)	5
alkalinity, total (as caco3)	310.1	@@@@@@	**779**	07/09/2009 15:39		MG/L	1.09	2	1
cyanide	335.4	@@@@@@	0.01 ND	07/09/2009 13:31	07/08/2009 14:25	MG/L	0.0077	0.01	1
Aluminum	6010		**101**	07/08/2009 21:08	07/06/2009 22:52	UG/L	9.15	100	1
Antimony	6010		3.3 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	3.3	10	1
Arsenic	6010		**23.7**	07/08/2009 21:08	07/06/2009 22:52	UG/L	3.31	10	1
Barium	6010		**71.8**	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.22	10	1
Beryllium	6010		0.296 I	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.12	5	1
Cadmium	6010		0.81 I	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.72	5	1
Calcium	6010		**149000 V**	07/08/2009 21:08	07/06/2009 22:52	UG/L	39	100	1
Chromium	6010		1.98 I	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.43	10	1
Cobalt	6010		0.37 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.37	10	1
Copper	6010		2.7 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	2.7	10	1
Iron	6010		**20700**	07/08/2009 21:08	07/06/2009 22:52	UG/L	5.5	50	1
Lead	6010		3.7 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	3.7	15	1
Magnesium	6010		**84400**	07/08/2009 21:08	07/06/2009 22:52	UG/L	9.8	100	1
Manganese	6010		**35.4**	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.35	10	1
Nickel	6010		0.71 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.71	5	1
Potassium	6010		293 I	07/08/2009 21:08	07/06/2009 22:52	UG/L	71.7	500	1
Selenium	6010		3.5 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	3.5	20	1
Silver	6010		0.51 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.51	10	1
Sodium	6010		**39500**	07/08/2009 21:08	07/06/2009 22:52	UG/L	180	300	1
Thallium	6010		4.4 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	4.4	10	1
Tin	6010		3.9 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	3.9	15	1
Vanadium	6010		1.28 I	07/08/2009 21:08	07/06/2009 22:52	UG/L	0.44	10	1
Zinc	6010		4 U	07/08/2009 21:08	07/06/2009 22:52	UG/L	4	20	1
Mercury	7470		0.025 U	07/08/2009 8:23	07/07/2009 9:06	UG/L	0.025	0.2	1
1,2-Dibromoethane(EDB)	8011		0.00601 U	07/06/2009 21:22	07/05/2009 13:11	UG/L	0.0060	0.0197	1
1,1,2,2-Tetrachloroethane(SURR	8011		104	07/06/2009 21:22	07/05/2009 13:11	%	0.0060	(70 - 130)	1
4,4'-DDD	8081		0.0029 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0029	0.056	1
4,4'-DDE	8081		0.0042 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0042	0.056	1
4,4'-DDT	8081		0.0012 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0012	0.056	1
Aldrin	8081		0.00093 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0009	0.056	1
alpha-BHC	8081		0.0033 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0033	0.011	1
beta-BHC	8081		0.0013 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0013	0.056	1
Chlordane	8081		0.056 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.056	0.56	1
delta-BHC	8081		0.0033 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0033	0.056	1
Dieldrin	8081		0.003 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.003	0.056	1
Endosulfan I	8081		0.0048 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0048	0.056	1
Endosulfan II	8081		0.0018 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0018	0.056	1
Endosulfan sulfate	8081		0.0011 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0011	0.056	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601
Client ID : MW-20
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endrin	8081	0.002 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.002	0.056	1
Endrin aldehyde	8081	0.0017 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0017	0.056	1
Endrin ketone	8081	0.0067 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0067	0.056	1
gamma-BHC (Lindane)	8081	0.0027 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0027	0.056	1
Heptachlor	8081	0.0016 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0016	0.056	1
Heptachlor epoxide	8081	0.0016 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.0016	0.056	1
Methoxychlor	8081	0.002 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.002	0.056	1
Toxaphene	8081	0.2 U	07/08/2009 4:56	07/07/2009 14:27	UG/L	0.2	0.56	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	89.1	07/08/2009 4:56	07/07/2009 14:27	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	79.1	07/08/2009 4:56	07/07/2009 14:27	%	0.2	(34 - 133)	1
Dimethoate	8141	0.62 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.62	5.7	1
Disulfoton	8141	1 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	1	5.7	1
Famphur	8141	0.56 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.56	5.7	1
Methyl parathion	8141	0.62 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.62	5.7	1
Parathion	8141	0.55 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.55	5.7	1
Phorate	8141	1.1 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	1.1	5.7	1
Sulfotepp	8141	0.48 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.48	5.7	1
Thionazin	8141	0.57 U	07/08/2009 5:36	07/07/2009 10:45	UG/L	0.57	5.7	1
TPP-Triphenylphosphate(SURR)	8141	88.7	07/08/2009 5:36	07/07/2009 10:45	%	0.57	(60 - 130)	1
2,4,5-T	8151	0.13 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.13	0.57	1
2,4,5-TP (Silvex)	8151	0.044 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.044	0.57	1
2,4'-D	8151	0.17 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.17	0.57	1
2,4-DB	8151	0.34 J3RU	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.34	0.34	1
Dalapon	8151	0.42 J3RU	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.42	0.72	1
Dicamba	8151	0.039 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.039	0.57	1
Dichloroprop	8151	0.21 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.21	0.57	1
Dinoseb	8151	0.064 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	0.064	0.57	1
MCPA	8151	21 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	21	57	1
MCPP	8151	11 U	07/08/2009 17:26	07/07/2009 14:37	UG/L	11	57	1
DCAA(SURR)	8151	65.5	07/08/2009 17:26	07/07/2009 14:37	%	11	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/08/2009 11:02		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/08/2009 11:02		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/08/2009 11:02		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/08/2009 11:02		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/08/2009 11:02		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/08/2009 11:02		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/08/2009 11:02		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/08/2009 11:02		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/08/2009 11:02		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/08/2009 11:02		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/08/2009 11:02		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3U	07/08/2009 11:02		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/08/2009 11:02		UG/L	1.9	10	1
2-Butanone	8260	4 J3U	07/08/2009 11:02		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/08/2009 11:02		UG/L	0.95	5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601
Client ID : MW-20
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
4-Methyl-2-pentanone	8260	0.61 U	07/08/2009 11:02		UG/L	0.61	5	1
Acetone	8260	5.6 J3U	07/08/2009 11:02		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/08/2009 11:02		UG/L	5	10	1
Acrolein	8260	3.3 U	07/08/2009 11:02		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/08/2009 11:02		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/08/2009 11:02		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/08/2009 11:02		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/08/2009 11:02		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/08/2009 11:02		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/08/2009 11:02		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/08/2009 11:02		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/08/2009 11:02		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/08/2009 11:02		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/08/2009 11:02		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/08/2009 11:02		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/08/2009 11:02		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/08/2009 11:02		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/08/2009 11:02		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/08/2009 11:02		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/08/2009 11:02		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/08/2009 11:02		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/08/2009 11:02		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/08/2009 11:02		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/08/2009 11:02		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/08/2009 11:02		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/08/2009 11:02		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/08/2009 11:02		UG/L	0.74	5	1
Methylene chloride	8260	0.52 J3MU	07/08/2009 11:02		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/08/2009 11:02		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/08/2009 11:02		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/08/2009 11:02		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/08/2009 11:02		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/08/2009 11:02		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/08/2009 11:02		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/08/2009 11:02		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/08/2009 11:02		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/08/2009 11:02		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/08/2009 11:02		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/08/2009 11:02		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	99.8	07/08/2009 11:02		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	102	07/08/2009 11:02		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	104	07/08/2009 11:02		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	101	07/08/2009 11:02		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
1,2,4,5-Tetrachlorobenzene	8270	2.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601
Client ID : MW-20
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2,4-Trichlorobenzene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
1,2-Dichlorobenzene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
1,3,5-Trinitrobenzene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	22.2	1
1,3-Dichlorobenzene	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
1,3-Dinitrobenzene	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	22.2	1
1,4-Dichlorobenzene	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
1,4-Naphthoquinone	8270	3.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.4	4.4	1
1-Naphthylamine	8270	2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2	11.1	1
2,2-Oxybis(1-chloropropane)	8270	3.7 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.7	4.4	1
2,3,4,6-Tetrachlorophenol	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
2,4,5-Trichlorophenol	8270	3.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.8	4.4	1
2,4,6-Trichlorophenol	8270	4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	4	4.4	1
2,4-Dichlorophenol	8270	3.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.4	4.4	1
2,4-Dimethylphenol	8270	2.6 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.6	4.4	1
2,4-Dinitrophenol	8270	6.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	6.2	22.2	1
2,4-Dinitrotoluene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
2,6-Dichlorophenol	8270	3.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.9	4.4	1
2,6-Dinitrotoluene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Acetylaminofluorene	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
2-Chloronaphthalene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Chlorophenol	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
2-Methyl-4,6-dinitrophenol	8270	3.7 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.7	22.2	1
2-Methylnaphthalene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Methylphenol (o-Cresol)	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
2-Naphthylamine	8270	2.8 J3RU	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
2-Nitroaniline	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
2-Nitrophenol	8270	3.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.8	4.4	1
2-Picoline	8270	2.1 J3RU	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.1	22.2	1
3,3'-Dichlorobenzidine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
3,3'-Dimethylbenzidine	8270	6.7 J3MU	07/09/2009 0:40	07/07/2009 19:45	UG/L	6.7	22.2	1
3-Methylcholanthrene	8270	2.4 J3U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1
3-Nitroaniline	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
4-Aminobiphenyl	8270	2.4 J3MU	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1
4-Bromophenyl-phenylether	8270	2.6 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.6	4.4	1
4-Chloro-3-methylphenol	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
4-Chloroaniline	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
4-Chlorophenyl-phenylether	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
4-Methylphenol	8270	6.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	6.8	11.1	1
4-Nitroaniline	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
4-Nitrophenol	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	11.1	1
4-Nitroquinoline-1-oxide	8270	4.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	4.1	22.2	1
5-Nitro-o-toluidine	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
7,12-Dimethylbenz(a)anthracene	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
a,a-Dimethylphenethylamine	8270	17.8 J3U	07/09/2009 0:40	07/07/2009 19:45	UG/L	17.8	17.8	1
Acenaphthene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996

PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601

Client ID : MW-20

Matrix : GW

Collection Information:

Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acenaphthylene	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
Acetophenone	8270	4.4 J3RU	07/09/2009 0:40	07/07/2009 19:45	UG/L	4.4	4.4	1
Aniline	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Anthracene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Aramite	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
Benzo(a)anthracene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(a)pyrene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Benzo(b)fluoranthene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(g,h,i)perylene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(k)fluoranthene	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
Benzyl alcohol	8270	3.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.4	11.1	1
Bis(2-Chloroethoxy)methane	8270	3.9 J3U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.9	4.4	1
Bis(2-Chloroethyl)ether	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
bis(2-ethylhexyl)phthalate	8270	7	07/09/2009 0:40	07/07/2009 19:45	UG/L	4.9	5.6	1
Butylbenzylphthalate	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
Chlorobenzilate	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
Chrysene	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
Diallate (Avadex)	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Dibenz(a,h)anthracene	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
Dibenzofuran	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
Diethylphthalate	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Dimethyl-phthalate	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
Di-n-butylphthalate	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
Di-n-octylphthalate	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Ethyl methanesulfonate	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
Fluoranthene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Fluorene	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
Hexachlorobenzene	8270	0.46 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	0.46	4.4	1
Hexachlorobutadiene	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
Hexachlorocyclopentadiene	8270	2.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1
Hexachloroethane	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Hexachloropropene	8270	2.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.2	4.4	1
Indeno(1,2,3-cd)pyrene	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Isodrin	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Isophorone	8270	4.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	4.2	4.4	1
Isosafrole	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	4.4	1
Kepone	8270	17.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	17.8	22.2	1
Methapyriline	8270	4.1 J3MU	07/09/2009 0:40	07/07/2009 19:45	UG/L	4.1	4.4	1
Methylmethanesulfonate	8270	2.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.1	22.2	1
Naphthalene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Nitrobenzene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
N-Nitrosodibutylamine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
N-Nitrosodiethylamine	8270	3.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.4	4.4	1
N-Nitrosodimethylamine	8270	2.4 J3U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1
N-Nitroso-di-n-propylamine	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299601
Client ID : MW-20
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 10:51:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitrosodiphenylamine	8270	3.8 J3U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.8	4.4	1
N-Nitrosomethylethylamine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
N-Nitrosomorpholine	8270	3.3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.3	4.4	1
N-Nitrosopiperidine	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
N-Nitrosopyrrolidine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
o-Toluidine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
p-Dimethylaminoazobenzene	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	4.4	1
Pentachlorobenzene	8270	2.4 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.4	4.4	1
Pentachloroethane	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	22.2	1
Pentachloronitrobenzene(PCNB)	8270	2.7 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.7	4.4	1
Pentachlorophenol	8270	2.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.9	22.2	1
Phenacetin	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	4.4	1
Phenanthrene	8270	3.1 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.1	4.4	1
Phenol	8270	1.9 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	1.9	22.2	1
p-Phenylenediamine	8270	3 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3	22.2	1
Pronamide	8270	2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2	4.4	1
Pyrene	8270	3.2 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	3.2	4.4	1
Pyridine	8270	2.3 J3RU	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.3	4.4	1
Safrole	8270	2.8 U	07/09/2009 0:40	07/07/2009 19:45	UG/L	2.8	11.1	1
2,4,6-Tribromophenol(SURR)	8270	82.4	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270	70.9	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(43 - 116)	1
2-Fluorophenol(SURR)	8270	62.6	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270	84.3	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(35 - 114)	1
Phenol-d5(SURR)	8270	42.8	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270	64.7	07/09/2009 0:40	07/07/2009 19:45	%	2.8	(33 - 141)	1
nitrogen, ammonia (as n)	SM4500-NH3-B,C@@@@@@	**0.56**	07/08/2009 15:57		MG/L	0.165	0.2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602
Client ID : MW-19
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**756**	07/07/2009 18:04		MG/L	19.7	20	4
Chloride	300.1		**67.8**	(†) 07/07/2009 15:39		MG/L	2.6	20	20
Sulfate	300.1		10.1 I	(†) 07/07/2009 15:39		MG/L	1.24	20	20
DCA(SURR)	300.1		102	(†) 07/07/2009 15:39		%	1.24	(90 - 115)	20
alkalinity, total (as caco3)	310.1	@@@@@@	**143**	07/09/2009 15:39		MG/L	1.09	2	1
cyanide	335.4	@@@@@@	0.01 ND	07/09/2009 13:32	07/08/2009 14:25	MG/L	0.0077	0.01	1
Aluminum	6010		**6390**	07/08/2009 21:21	07/06/2009 22:52	UG/L	9.15	100	1
Antimony	6010		3.3 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	3.3	10	1
Arsenic	6010		**54.1**	07/08/2009 21:21	07/06/2009 22:52	UG/L	3.31	10	1
Barium	6010		**43**	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.22	10	1
Beryllium	6010		0.707 I	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.12	5	1
Cadmium	6010		0.72 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.72	5	1
Calcium	6010		**31100 V**	07/08/2009 21:21	07/06/2009 22:52	UG/L	39	100	1
Chromium	6010		**11.4**	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.43	10	1
Cobalt	6010		1.62 I	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.37	10	1
Copper	6010		2.7 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	2.7	10	1
Iron	6010		**46100**	07/08/2009 21:21	07/06/2009 22:52	UG/L	5.5	50	1
Lead	6010		3.7 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	3.7	15	1
Magnesium	6010		**8960**	07/08/2009 21:21	07/06/2009 22:52	UG/L	9.8	100	1
Manganese	6010		**12**	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.35	10	1
Nickel	6010		3.28 I	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.71	5	1
Potassium	6010		**3460**	07/08/2009 21:21	07/06/2009 22:52	UG/L	71.7	500	1
Selenium	6010		3.5 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	3.5	20	1
Silver	6010		0.51 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.51	10	1
Sodium	6010		**42900**	07/08/2009 21:21	07/06/2009 22:52	UG/L	180	300	1
Thallium	6010		4.4 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	4.4	10	1
Tin	6010		3.9 U	07/08/2009 21:21	07/06/2009 22:52	UG/L	3.9	15	1
Vanadium	6010		**31.8**	07/08/2009 21:21	07/06/2009 22:52	UG/L	0.44	10	1
Zinc	6010		7.26 I	07/08/2009 21:21	07/06/2009 22:52	UG/L	4	20	1
Mercury	7470		0.025 U	07/08/2009 8:24	07/07/2009 9:06	UG/L	0.025	0.2	1
1,2-Dibromoethane(EDB)	8011		0.00596 U	07/06/2009 21:54	07/05/2009 13:11	UG/L	0.006	0.0196	1
1,1,2,2-Tetrachloroethane(SURR	8011		129	07/06/2009 21:54	07/05/2009 13:11	%	0.006	(70 - 130)	1
4,4'-DDD	8081		0.0029 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0029	0.056	1
4,4'-DDE	8081		0.0043 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0043	0.056	1
4,4'-DDT	8081		0.0012 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0012	0.056	1
Aldrin	8081		0.00094 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0009	0.056	1
alpha-BHC	8081		0.0034 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0034	0.011	1
beta-BHC	8081		0.0013 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0013	0.056	1
Chlordane	8081		0.056 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.056	0.56	1
delta-BHC	8081		0.0034 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0034	0.056	1
Dieldrin	8081		0.003 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.003	0.056	1
Endosulfan I	8081		0.0048 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0048	0.056	1
Endosulfan II	8081		0.0018 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0018	0.056	1
Endosulfan sulfate	8081		0.0011 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0011	0.056	1
Endrin	8081		0.002 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.002	0.056	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996

PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602

Client ID : MW-19

Matrix : GW

Collection Information:

Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endrin aldehyde	8081	0.0017 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0017	0.056	1
Endrin ketone	8081	0.0067 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0067	0.056	1
gamma-BHC (Lindane)	8081	0.0027 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0027	0.056	1
Heptachlor	8081	0.0016 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0016	0.056	1
Heptachlor epoxide	8081	0.0016 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.0016	0.056	1
Methoxychlor	8081	0.002 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.002	0.056	1
Toxaphene	8081	0.2 U	07/08/2009 5:27	07/07/2009 14:27	UG/L	0.2	0.56	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	27.3 J4	07/08/2009 5:27	07/07/2009 14:27	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	27.3 J4	07/08/2009 5:27	07/07/2009 14:27	%	0.2	(34 - 133)	1
Dimethoate	8141	0.6 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.6	5.6	1
Disulfoton	8141	0.98 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.98	5.6	1
Famphur	8141	0.54 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.54	5.6	1
Methyl parathion	8141	0.6 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.6	5.6	1
Parathion	8141	0.53 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.53	5.6	1
Phorate	8141	1 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	1	5.6	1
Sulfotepp	8141	0.47 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.47	5.6	1
Thionazin	8141	0.56 U	07/08/2009 6:37	07/07/2009 10:45	UG/L	0.56	5.6	1
TPP-Triphenylphosphate(SURR)	8141	19.8 J4	07/08/2009 6:37	07/07/2009 10:45	%	0.56	(60 - 130)	1
2,4,5-T	8151	0.13 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.13	0.57	1
2,4,5-TP (Silvex)	8151	0.044 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.044	0.57	1
2,4'-D	8151	0.17 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.17	0.57	1
2,4-DB	8151	0.34 J3RU	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.34	0.34	1
Dalapon	8151	0.42 J3RU	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.42	0.72	1
Dicamba	8151	0.039 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.039	0.57	1
Dichloroprop	8151	0.21 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.21	0.57	1
Dinoseb	8151	0.064 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	0.064	0.57	1
MCPA	8151	21 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	21	57	1
MCPP	8151	11 U	07/08/2009 18:02	07/07/2009 14:37	UG/L	11	57	1
DCAA(SURR)	8151	51.7 J4	07/08/2009 18:02	07/07/2009 14:37	%	11	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/08/2009 11:25		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/08/2009 11:25		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/08/2009 11:25		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/08/2009 11:25		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/08/2009 11:25		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/08/2009 11:25		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/08/2009 11:25		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/08/2009 11:25		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/08/2009 11:25		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/08/2009 11:25		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/08/2009 11:25		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3U	07/08/2009 11:25		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/08/2009 11:25		UG/L	1.9	10	1
2-Butanone	8260	4 J3U	07/08/2009 11:25		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/08/2009 11:25		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/08/2009 11:25		UG/L	0.61	5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602
Client ID : MW-19
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acetone	8260	5.6 J3U	07/08/2009 11:25		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/08/2009 11:25		UG/L	5	10	1
Acrolein	8260	3.3 U	07/08/2009 11:25		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/08/2009 11:25		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/08/2009 11:25		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/08/2009 11:25		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/08/2009 11:25		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/08/2009 11:25		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/08/2009 11:25		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/08/2009 11:25		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/08/2009 11:25		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/08/2009 11:25		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/08/2009 11:25		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/08/2009 11:25		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/08/2009 11:25		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/08/2009 11:25		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/08/2009 11:25		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/08/2009 11:25		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/08/2009 11:25		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/08/2009 11:25		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/08/2009 11:25		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/08/2009 11:25		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/08/2009 11:25		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/08/2009 11:25		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/08/2009 11:25		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/08/2009 11:25		UG/L	0.74	5	1
Methylene chloride	8260	0.52 J3MU	07/08/2009 11:25		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/08/2009 11:25		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/08/2009 11:25		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/08/2009 11:25		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/08/2009 11:25		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/08/2009 11:25		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/08/2009 11:25		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/08/2009 11:25		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/08/2009 11:25		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/08/2009 11:25		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/08/2009 11:25		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/08/2009 11:25		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	109	07/08/2009 11:25		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	104	07/08/2009 11:25		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	109	07/08/2009 11:25		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	105	07/08/2009 11:25		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
1,2,4,5-Tetrachlorobenzene	8270	2.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
1,2,4-Trichlorobenzene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602
Client ID : MW-19
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2-Dichlorobenzene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
1,3,5-Trinitrobenzene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	22.2	1
1,3-Dichlorobenzene	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
1,3-Dinitrobenzene	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	22.2	1
1,4-Dichlorobenzene	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
1,4-Naphthoquinone	8270	3.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.4	4.4	1
1-Naphthylamine	8270	2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2	11.1	1
2,2-Oxybis(1-chloropropane)	8270	3.7 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.7	4.4	1
2,3,4,6-Tetrachlorophenol	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
2,4,5-Trichlorophenol	8270	3.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.8	4.4	1
2,4,6-Trichlorophenol	8270	4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	4	4.4	1
2,4-Dichlorophenol	8270	3.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.4	4.4	1
2,4-Dimethylphenol	8270	2.6 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.6	4.4	1
2,4-Dinitrophenol	8270	6.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	6.2	22.2	1
2,4-Dinitrotoluene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
2,6-Dichlorophenol	8270	3.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.9	4.4	1
2,6-Dinitrotoluene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Acetylaminofluorene	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
2-Chloronaphthalene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Chlorophenol	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
2-Methyl-4,6-dinitrophenol	8270	3.7 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.7	22.2	1
2-Methylnaphthalene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
2-Methylphenol (o-Cresol)	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
2-Naphthylamine	8270	2.8 J3RU	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
2-Nitroaniline	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
2-Nitrophenol	8270	3.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.8	4.4	1
2-Picoline	8270	2.1 J3RU	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.1	22.2	1
3,3'-Dichlorobenzidine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
3,3'-Dimethylbenzidine	8270	6.7 J3MU	07/09/2009 1:10	07/07/2009 19:45	UG/L	6.7	22.2	1
3-Methylcholanthrene	8270	2.4 J3U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
3-Nitroaniline	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
4-Aminobiphenyl	8270	2.4 J3MU	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
4-Bromophenyl-phenylether	8270	2.6 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.6	4.4	1
4-Chloro-3-methylphenol	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
4-Chloroaniline	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
4-Chlorophenyl-phenylether	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
4-Methylphenol	8270	6.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	6.8	11.1	1
4-Nitroaniline	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
4-Nitrophenol	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	11.1	1
4-Nitroquinoline-1-oxide	8270	4.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	4.1	22.2	1
5-Nitro-o-toluidine	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
7,12-Dimethylbenz(a)anthracene	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
a,a-Dimethylphenethylamine	8270	17.8 J3U	07/09/2009 1:10	07/07/2009 19:45	UG/L	17.8	17.8	1
Acenaphthene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Acenaphthylene	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602
Client ID : MW-19
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acetophenone	8270	4.4 J3RU	07/09/2009 1:10	07/07/2009 19:45	UG/L	4.4	4.4	1
Aniline	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Anthracene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Aramite	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
Benzo(a)anthracene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(a)pyrene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Benzo(b)fluoranthene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(g,h,i)perylene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Benzo(k)fluoranthene	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
Benzyl alcohol	8270	3.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.4	11.1	1
Bis(2-Chloroethoxy)methane	8270	3.9 J3U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.9	4.4	1
Bis(2-Chloroethyl)ether	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
bis(2-ethylhexyl)phthalate	8270	**6.8**	07/09/2009 1:10	07/07/2009 19:45	UG/L	4.9	5.6	1
Butylbenzylphthalate	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
Chlorobenzilate	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
Chrysene	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
Diallate (Avadex)	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Dibenz(a,h)anthracene	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
Dibenzofuran	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
Diethylphthalate	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Dimethyl-phthalate	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
Di-n-butylphthalate	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
Di-n-octylphthalate	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Ethyl methanesulfonate	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
Fluoranthene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Fluorene	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
Hexachlorobenzene	8270	0.46 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	0.46	4.4	1
Hexachlorobutadiene	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
Hexachlorocyclopentadiene	8270	2.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
Hexachloroethane	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Hexachloropropene	8270	2.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.2	4.4	1
Indeno(1,2,3-cd)pyrene	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Isodrin	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Isophorone	8270	4.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	4.2	4.4	1
Isosafrole	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	4.4	1
Kepone	8270	17.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	17.8	22.2	1
Methapyriline	8270	4.1 J3MU	07/09/2009 1:10	07/07/2009 19:45	UG/L	4.1	4.4	1
Methylmethanesulfonate	8270	2.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.1	22.2	1
Naphthalene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Nitrobenzene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
N-Nitrosodibutylamine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
N-Nitrosodiethylamine	8270	3.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.4	4.4	1
N-Nitrosodimethylamine	8270	2.4 J3U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
N-Nitroso-di-n-propylamine	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
N-Nitrosodiphenylamine	8270	3.8 J3U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.8	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299602
Client ID : MW-19
Matrix : GW

Collection Information:
Sample Date: 6/30/2009 2:50:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitrosomethylethylamine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
N-Nitrosomorpholine	8270	3.3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.3	4.4	1
N-Nitrosopiperidine	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
N-Nitrosopyrrolidine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
o-Toluidine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
p-Dimethylaminoazobenzene	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	4.4	1
Pentachlorobenzene	8270	2.4 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.4	4.4	1
Pentachloroethane	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	22.2	1
Pentachloronitrobenzene(PCNB)	8270	2.7 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.7	4.4	1
Pentachlorophenol	8270	2.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.9	22.2	1
Phenacetin	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	4.4	1
Phenanthrene	8270	3.1 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.1	4.4	1
Phenol	8270	1.9 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	1.9	22.2	1
p-Phenylenediamine	8270	3 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3	22.2	1
Pronamide	8270	2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2	4.4	1
Pyrene	8270	3.2 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	3.2	4.4	1
Pyridine	8270	2.3 J3RU	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.3	4.4	1
Safrole	8270	2.8 U	07/09/2009 1:10	07/07/2009 19:45	UG/L	2.8	11.1	1
2,4,6-Tribromophenol(SURR)	8270	72.5	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270	68.7	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(43 - 116)	1
2-Fluorophenol(SURR)	8270	49.5	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270	82.3	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(35 - 114)	1
Phenol-d5(SURR)	8270	35.8	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270	59.5	07/09/2009 1:10	07/07/2009 19:45	%	2.8	(33 - 141)	1
nitrogen, ammonia (as n)	SM4500-NH3-B,C@@@@@@	**21**	07/08/2009 15:57		MG/L	0.33	0.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299603
Client ID : Trip Blank-1
Matrix : WQ

Collection Information:
Sample Date: 6/30/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/08/2009 11:48		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/08/2009 11:48		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/08/2009 11:48		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/08/2009 11:48		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/08/2009 11:48		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/08/2009 11:48		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/08/2009 11:48		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/08/2009 11:48		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/08/2009 11:48		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/08/2009 11:48		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/08/2009 11:48		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3U	07/08/2009 11:48		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/08/2009 11:48		UG/L	1.9	10	1
2-Butanone	8260	4 J3U	07/08/2009 11:48		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/08/2009 11:48		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/08/2009 11:48		UG/L	0.61	5	1
Acetone	8260	5.9 J3 I	07/08/2009 11:48		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/08/2009 11:48		UG/L	5	10	1
Acrolein	8260	3.3 U	07/08/2009 11:48		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/08/2009 11:48		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/08/2009 11:48		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/08/2009 11:48		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/08/2009 11:48		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/08/2009 11:48		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/08/2009 11:48		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/08/2009 11:48		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/08/2009 11:48		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/08/2009 11:48		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/08/2009 11:48		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/08/2009 11:48		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/08/2009 11:48		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/08/2009 11:48		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/08/2009 11:48		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/08/2009 11:48		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/08/2009 11:48		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/08/2009 11:48		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/08/2009 11:48		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/08/2009 11:48		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/08/2009 11:48		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/08/2009 11:48		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/08/2009 11:48		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/08/2009 11:48		UG/L	0.74	5	1
Methylene chloride	8260	**7.4 J3M**	07/08/2009 11:48		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/08/2009 11:48		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/08/2009 11:48		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299603
Client ID : Trip Blank-1
Matrix : WQ

Collection Information:
Sample Date: 6/30/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/08/2009 11:48		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/08/2009 11:48		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/08/2009 11:48		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/08/2009 11:48		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/08/2009 11:48		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/08/2009 11:48		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/08/2009 11:48		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/08/2009 11:48		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/08/2009 11:48		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	106	07/08/2009 11:48		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	105	07/08/2009 11:48		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	108	07/08/2009 11:48		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	105	07/08/2009 11:48		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299604
Client ID : Trip Blank-2
Matrix : WQ

Collection Information:
Sample Date: 6/30/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/08/2009 12:12		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/08/2009 12:12		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/08/2009 12:12		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/08/2009 12:12		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/08/2009 12:12		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/08/2009 12:12		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/08/2009 12:12		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/08/2009 12:12		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/08/2009 12:12		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/08/2009 12:12		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/08/2009 12:12		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3U	07/08/2009 12:12		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/08/2009 12:12		UG/L	1.9	10	1
2-Butanone	8260	4 J3U	07/08/2009 12:12		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/08/2009 12:12		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/08/2009 12:12		UG/L	0.61	5	1
Acetone	8260	7.5 J3 I	07/08/2009 12:12		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/08/2009 12:12		UG/L	5	10	1
Acrolein	8260	3.3 U	07/08/2009 12:12		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/08/2009 12:12		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/08/2009 12:12		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/08/2009 12:12		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/08/2009 12:12		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/08/2009 12:12		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/08/2009 12:12		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/08/2009 12:12		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/08/2009 12:12		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/08/2009 12:12		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/08/2009 12:12		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/08/2009 12:12		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/08/2009 12:12		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/08/2009 12:12		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/08/2009 12:12		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/08/2009 12:12		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/08/2009 12:12		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/08/2009 12:12		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/08/2009 12:12		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/08/2009 12:12		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/08/2009 12:12		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/08/2009 12:12		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/08/2009 12:12		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/08/2009 12:12		UG/L	0.74	5	1
Methylene chloride	8260	**7.3 J3M**	07/08/2009 12:12		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/08/2009 12:12		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/08/2009 12:12		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

PEL Lab# : 251299604
Client ID : Trip Blank-2
Matrix : WQ

Collection Information:
Sample Date: 6/30/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/08/2009 12:12		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/08/2009 12:12		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/08/2009 12:12		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/08/2009 12:12		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/08/2009 12:12		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/08/2009 12:12		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/08/2009 12:12		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/08/2009 12:12		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/08/2009 12:12		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	105	07/08/2009 12:12		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	104	07/08/2009 12:12		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	108	07/08/2009 12:12		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	107	07/08/2009 12:12		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

QC SUMMARY

METHOD: 300.1

Method Blank 070609MB2 **Matrix :** WQ

Associated Lab Samples : 070609LCS2 070609LCSD2 070609MB2 251299601 251299602

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Chloride	0.85 I	7/7/2009		MG/L	1	1
Sulfate	U	7/7/2009		MG/L	0.062	1
DCA(SURR) (S)	104	7/7/2009		%	(90 - 115)	1

Method Blank 070709MB **Matrix :** WQ

Associated Lab Samples : 070709LCSD 070709MB 251299601DL1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Chloride	0.85 I	7/7/2009		MG/L	1	1
Sulfate	0.44 I	7/7/2009		MG/L	1	1
DCA(SURR) (S)	102	7/7/2009		%	(90 - 115)	1

LABORATORY CONTROL SAMPLE: 070609LCS2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)		
Sulfate	MG/L	8	8	100	(75-125)		
DCA(SURR) (S)	MG/L	5	5.2	104	(90-115)		

LABORATORY CONTROL SAMPLE: 070609LCSD2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)	0	20
Sulfate	MG/L	8	8	100	(75-125)	0	20
DCA(SURR) (S)	MG/L	5	5.3	106	(90-115)		

LABORATORY CONTROL SAMPLE: 070709LCSD **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)		
Sulfate	MG/L	8	7.9	98.8	(75-125)		
DCA(SURR) (S)	MG/L	5	5.1	102	(90-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 335.4

Method Blank 9070474-BLK1 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070474-BLK1 9070474-BLK2 9070474-BS1 9070474-BS2 9070474-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
cyanide	ND	7/9/2009	7/8/2009	MG/L	0.01	1

Method Blank 9070474-BLK2 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070474-BLK1 9070474-BLK2 9070474-BS1 9070474-BS2 9070474-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
cyanide	ND	7/9/2009	7/8/2009	MG/L	0.01	1

LABORATORY CONTROL SAMPLE: 9070474-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.3	0.289	96		(90-110)		

LABORATORY CONTROL SAMPLE: 9070474-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.3	0.259	86	*	(90-110)		

LABORATORY CONTROL SAMPLE: 9070474-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.44	0.55	127		(56.68-144.		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 6010

Method Blank 287984 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 287984 287985 287986

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Aluminum	36.5 I	7/8/2009	7/6/2009	UG/L	100	1
Antimony	U	7/8/2009	7/6/2009	UG/L	3.3	1
Arsenic	U	7/8/2009	7/6/2009	UG/L	3.31	1
Barium	U	7/8/2009	7/6/2009	UG/L	0.22	1
Beryllium	U	7/8/2009	7/6/2009	UG/L	0.12	1
Cadmium	U	7/8/2009	7/6/2009	UG/L	0.72	1
Calcium	129	7/8/2009	7/6/2009	UG/L	100	1
Chromium	U	7/8/2009	7/6/2009	UG/L	0.43	1
Cobalt	U	7/8/2009	7/6/2009	UG/L	0.37	1
Copper	U	7/8/2009	7/6/2009	UG/L	2.7	1
Iron	6.48 I	7/8/2009	7/6/2009	UG/L	50	1
Lead	U	7/8/2009	7/6/2009	UG/L	3.7	1
Magnesium	U	7/8/2009	7/6/2009	UG/L	9.8	1
Manganese	U	7/8/2009	7/6/2009	UG/L	0.35	1
Nickel	0.851 I	7/8/2009	7/6/2009	UG/L	5	1
Potassium	U	7/8/2009	7/6/2009	UG/L	71.7	1
Selenium	U	7/8/2009	7/6/2009	UG/L	3.5	1
Silver	U	7/8/2009	7/6/2009	UG/L	0.51	1
Sodium	U	7/8/2009	7/6/2009	UG/L	180	1
Thallium	U	7/8/2009	7/6/2009	UG/L	4.4	1
Tin	U	7/8/2009	7/6/2009	UG/L	3.9	1
Vanadium	U	7/8/2009	7/6/2009	UG/L	0.44	1
Zinc	U	7/8/2009	7/6/2009	UG/L	4	1

LABORATORY CONTROL SAMPLE: 287985 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	46600	93.2	(80-120)		
Antimony	UG/L	500	497	99.4	(80-120)		
Arsenic	UG/L	500	482	96.4	(80-120)		
Barium	UG/L	1500	1450	96.7	(80-120)		
Beryllium	UG/L	500	512	102.4	(80-120)		
Cadmium	UG/L	500	489	97.8	(80-120)		
Calcium	UG/L	50000	47700	95.4	(80-120)		
Chromium	UG/L	500	474	94.8	(80-120)		
Cobalt	UG/L	500	496	99.2	(80-120)		
Copper	UG/L	500	488	97.6	(80-120)		
Iron	UG/L	50000	47700	95.4	(80-120)		
Lead	UG/L	500	502	100.4	(80-120)		
Magnesium	UG/L	50000	47600	95.2	(80-120)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 6010

LABORATORY CONTROL SAMPLE: 287985 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Manganese	UG/L	500	508	101.6	(80-120)		
Nickel	UG/L	500	507	101.4	(80-120)		
Potassium	UG/L	50000	49400	98.8	(80-120)		
Selenium	UG/L	500	511	102.2	(80-120)		
Silver	UG/L	200	190	95	(80-120)		
Sodium	UG/L	50000	47600	95.2	(80-120)		
Thallium	UG/L	500	500	100	(80-120)		
Tin	UG/L	500	495	99	(80-120)		
Vanadium	UG/L	500	497	99.4	(80-120)		
Zinc	UG/L	500	499	99.8	(80-120)		

LABORATORY CONTROL SAMPLE: 287986 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	47600	95.2	(80-120)	2.1	20
Antimony	UG/L	500	503	100.6	(80-120)	1.2	20
Arsenic	UG/L	500	485	97	(80-120)	0.6	20
Barium	UG/L	1500	1480	98.7	(80-120)	2	20
Beryllium	UG/L	500	525	105	(80-120)	2.5	20
Cadmium	UG/L	500	491	98.2	(80-120)	0.4	20
Calcium	UG/L	50000	48700	97.4	(80-120)	2.1	20
Chromium	UG/L	500	481	96.2	(80-120)	1.5	20
Cobalt	UG/L	500	503	100.6	(80-120)	1.4	20
Copper	UG/L	500	494	98.8	(80-120)	1.2	20
Iron	UG/L	50000	48700	97.4	(80-120)	2.1	20
Lead	UG/L	500	504	100.8	(80-120)	0.4	20
Magnesium	UG/L	50000	48500	97	(80-120)	1.9	20
Manganese	UG/L	500	521	104.2	(80-120)	2.5	20
Nickel	UG/L	500	515	103	(80-120)	1.6	20
Potassium	UG/L	50000	50000	100	(80-120)	1.2	20
Selenium	UG/L	500	512	102.4	(80-120)	0.2	20
Silver	UG/L	200	188	94	(80-120)	1.1	20
Sodium	UG/L	50000	48600	97.2	(80-120)	2.1	20
Thallium	UG/L	500	504	100.8	(80-120)	0.8	20
Tin	UG/L	500	502	100.4	(80-120)	1.4	20
Vanadium	UG/L	500	504	100.8	(80-120)	1.4	20
Zinc	UG/L	500	504	100.8	(80-120)	1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 7470

Method Blank 287997 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 287997 287998 287999

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Mercury	U	7/8/2009	7/7/2009	UG/L	0.025	1

LABORATORY CONTROL SAMPLE: 287998 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	2.98	99.3	(80-120)		

LABORATORY CONTROL SAMPLE: 287999 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	3.05	101.7	(80-120)	2.3	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8011

Method Blank 287908 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 287908 287909 287910

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,2-Dibromoethane(EDB)	U	7/6/2009	7/5/2009	UG/L	0.00608	1
1,1,2,2-Tetrachloroethane(SURR	108	7/6/2009	7/5/2009	%	(70 - 130)	1

LABORATORY CONTROL SAMPLE: 287909 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.13	108	(60-140)		
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.26	108	(70-130)		

LABORATORY CONTROL SAMPLE: 287910 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.14	117	(60-140)	7.4	10
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.25	104	(70-130)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8081

Method Blank 288037 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288037 288038 288039 288040

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4,4'-DDD	U	7/8/2009	7/7/2009	UG/L	0.0026	1
4,4'-DDE	U	7/8/2009	7/7/2009	UG/L	0.0038	1
4,4'-DDT	U	7/8/2009	7/7/2009	UG/L	0.0011	1
Aldrin	U	7/8/2009	7/7/2009	UG/L	0.00084	1
alpha-BHC	U	7/8/2009	7/7/2009	UG/L	0.003	1
beta-BHC	U	7/8/2009	7/7/2009	UG/L	0.0012	1
Chlordane	U	7/8/2009	7/7/2009	UG/L	0.05	1
delta-BHC	U	7/8/2009	7/7/2009	UG/L	0.003	1
Dieldrin	U	7/8/2009	7/7/2009	UG/L	0.0027	1
Endosulfan I	U	7/8/2009	7/7/2009	UG/L	0.0043	1
Endosulfan II	U	7/8/2009	7/7/2009	UG/L	0.0016	1
Endosulfan sulfate	U	7/8/2009	7/7/2009	UG/L	0.001	1
Endrin	U	7/8/2009	7/7/2009	UG/L	0.0018	1
Endrin aldehyde	U	7/8/2009	7/7/2009	UG/L	0.0015	1
Endrin ketone	U	7/8/2009	7/7/2009	UG/L	0.006	1
gamma-BHC (Lindane)	U	7/8/2009	7/7/2009	UG/L	0.0024	1
Heptachlor	U	7/8/2009	7/7/2009	UG/L	0.0014	1
Heptachlor epoxide	U	7/8/2009	7/7/2009	UG/L	0.0014	1
Methoxychlor	U	7/8/2009	7/7/2009	UG/L	0.0018	1
Toxaphene	U	7/8/2009	7/7/2009	UG/L	0.18	1
2,4,5,6-tetrachloro-m-xylene(SU	88	7/8/2009	7/7/2009	%	(45 - 125)	1
Decachlorobiphenyl(SURR) (S)	89	7/8/2009	7/7/2009	%	(34 - 133)	1

LABORATORY CONTROL SAMPLE: 288038 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.5	100	(81-126)		
4,4'-DDE	UG/L	0.5	0.46	92	(73-114)		
4,4'-DDT	UG/L	0.5	0.48	96	(64-125)		
Aldrin	UG/L	0.5	0.44	88	(65-101)		
alpha-BHC	UG/L	0.5	0.48	96	(68-107)		
beta-BHC	UG/L	0.5	0.44	88	(72-107)		
delta-BHC	UG/L	0.5	0.49	98	(70-113)		
Dieldrin	UG/L	0.5	0.47	94	(73-109)		
Endosulfan I	UG/L	0.5	0.46	92	(78-102)		
Endosulfan II	UG/L	0.5	0.46	92	(79-113)		
Endosulfan sulfate	UG/L	0.5	0.46	92	(73-123)		
Endrin	UG/L	0.5	0.46	92	(75-119)		
Endrin aldehyde	UG/L	0.5	0.42	84	(13-137)		
Endrin ketone	UG/L	0.5	0.46	92	(76-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8081

LABORATORY CONTROL SAMPLE: 288038 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
gamma-BHC (Lindane)	UG/L	0.5	0.48	96	(69-109)		
Heptachlor	UG/L	0.5	0.46	92	(64-108)		
Heptachlor epoxide	UG/L	0.5	0.46	92	(72-115)		
Methoxychlor	UG/L	0.5	0.45	90	(84-155)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.94	94	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.9	90	(34-133)		

LABORATORY CONTROL SAMPLE: 288039 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.53	106	(81-126)	5.8	18
4,4'-DDE	UG/L	0.5	0.48	96	(73-114)	4.3	20
4,4'-DDT	UG/L	0.5	0.51	102	(64-125)	6.1	20
Aldrin	UG/L	0.5	0.44	88	(65-101)	0	20
alpha-BHC	UG/L	0.5	0.51	102	(68-107)	6.1	20
beta-BHC	UG/L	0.5	0.47	94	(72-107)	6.6	20
delta-BHC	UG/L	0.5	0.52	104	(70-113)	5.9	20
Dieldrin	UG/L	0.5	0.5	100	(73-109)	6.2	20
Endosulfan I	UG/L	0.5	0.49	98	(78-102)	6.3	10
Endosulfan II	UG/L	0.5	0.49	98	(79-113)	6.3	13
Endosulfan sulfate	UG/L	0.5	0.49	98	(73-123)	6.3	16
Endrin	UG/L	0.5	0.49	98	(75-119)	6.3	20
Endrin aldehyde	UG/L	0.5	0.45	90	(13-137)	6.9	20
Endrin ketone	UG/L	0.5	0.49	98	(76-115)	6.3	20
gamma-BHC (Lindane)	UG/L	0.5	0.5	100	(69-109)	4.1	17
Heptachlor	UG/L	0.5	0.47	94	(64-108)	2.2	13
Heptachlor epoxide	UG/L	0.5	0.48	96	(72-115)	4.3	20
Methoxychlor	UG/L	0.5	0.49	98	(84-155)	8.5	19
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.97	97	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.93	93	(34-133)		

LABORATORY CONTROL SAMPLE: 288040 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Toxaphene	UG/L	10	7.6	76	(48-100)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.92	92	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.86	86	(34-133)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8141

Method Blank 288034 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288034 288035 288036

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Dimethoate	U	7/7/2009	7/7/2009	UG/L	0.54	1
Disulfoton	U	7/7/2009	7/7/2009	UG/L	0.88	1
Famphur	U	7/7/2009	7/7/2009	UG/L	0.49	1
Methyl parathion	U	7/7/2009	7/7/2009	UG/L	0.54	1
Parathion	U	7/7/2009	7/7/2009	UG/L	0.48	1
Phorate	U	7/7/2009	7/7/2009	UG/L	0.95	1
Sulfotepp	U	7/7/2009	7/7/2009	UG/L	0.42	1
Thionazin	U	7/7/2009	7/7/2009	UG/L	0.5	1
TPP-Triphenylphosphate(SURR)	98	7/7/2009	7/7/2009	%	(60 - 130)	1

LABORATORY CONTROL SAMPLE: 288035 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	21	84	(56-139)		
Disulfoton	UG/L	25	24	96	(61-129)		
Famphur	UG/L	25	24	96	(58-145)		
Methyl parathion	UG/L	25	21	84	(33-178)		
Parathion	UG/L	25	22	88	(56-133)		
Phorate	UG/L	25	26	104	(61-125)		
Sulfotepp	UG/L	25	27	108	(60-130)		
Thionazin	UG/L	25	23	92	(59-135)		
TPP-Triphenylphosphate(SURR)	UG/L	50	47	94	(60-130)		

LABORATORY CONTROL SAMPLE: 288036 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	23	92	(56-139)	9.1	20
Disulfoton	UG/L	25	25	100	(61-129)	4.1	20
Famphur	UG/L	25	26	104	(58-145)	8	20
Methyl parathion	UG/L	25	22	88	(33-178)	4.7	20
Parathion	UG/L	25	22	88	(56-133)	0	20
Phorate	UG/L	25	27	108	(61-125)	3.8	20
Sulfotepp	UG/L	25	27	108	(60-130)	0	20
Thionazin	UG/L	25	23	92	(59-135)	0	20
TPP-Triphenylphosphate(SURR)	UG/L	50	49	98	(60-130)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8151

Method Blank 288045 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288045 288046 288047

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
2,4,5-T	U	7/8/2009	7/7/2009	UG/L	0.11	1
2,4,5-TP (Silvex)	U	7/8/2009	7/7/2009	UG/L	0.038	1
2,4'-D	U	7/8/2009	7/7/2009	UG/L	0.15	1
2,4-DB	J3RU	7/8/2009	7/7/2009	UG/L	0.3	1
Dalapon	J3RU	7/8/2009	7/7/2009	UG/L	0.37	1
Dicamba	U	7/8/2009	7/7/2009	UG/L	0.034	1
Dichloroprop	U	7/8/2009	7/7/2009	UG/L	0.18	1
Dinoseb	U	7/8/2009	7/7/2009	UG/L	0.056	1
MCPA	U	7/8/2009	7/7/2009	UG/L	18	1
MCPP	U	7/8/2009	7/7/2009	UG/L	9.3	1
DCAA(SURR) (S)	80	7/8/2009	7/7/2009	%	(54 - 103)	1

LABORATORY CONTROL SAMPLE: 288046 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.86	86	(69-108)		
2,4,5-TP (Silvex)	UG/L	1	0.84	84	(64-122)		
2,4'-D	UG/L	1	1	100	(72-127)		
2,4-DB	UG/L	1	0.83	83	(59-141)		
Dalapon	UG/L	2.5	1.2	48	(28-102)		
Dicamba	UG/L	1	0.75	75	(67-122)		
Dichloroprop	UG/L	1	0.92	92	(62-149)		
Dinoseb	UG/L	1	0.69	69	(31-116)		
MCPA	UG/L	100	70.4	70.4	(30-156)		
MCPP	UG/L	100	60	60	(36-158)		
DCAA(SURR) (S)	UG/L	2.5	1.8	72	(54-103)		

LABORATORY CONTROL SAMPLE: 288047 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.9	90	(69-108)	4.5	18
2,4,5-TP (Silvex)	UG/L	1	0.9	90	(64-122)	6.9	20
2,4'-D	UG/L	1	1.1	110	(72-127)	9.5	20
2,4-DB	UG/L	1	1.1	110	(59-141)	28 *	20
Dalapon	UG/L	2.5	1.5	60	(28-102)	22.2 *	20
Dicamba	UG/L	1	0.87	87	(67-122)	14.8	20
Dichloroprop	UG/L	1	1	100	(62-149)	8.3	20
Dinoseb	UG/L	1	0.74	74	(31-116)	7	20
MCPA	UG/L	100	61	61	(30-156)	14.3	20
MCPP	UG/L	100	64	64	(36-158)	6.5	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8151

LABORATORY CONTROL SAMPLE: 288047 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
DCAA(SURR) (S)	UG/L	2.5	1.6	64	(54-103)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8260

Method Blank 070809BLKA32 **Matrix :** WQ

Associated Lab Samples : 070809BLKA32 070809LCSA32 070809LCSA32D 251299601 251299602 251299603 251299604

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	U	7/8/2009		UG/L	0.25	1
1,1,1-Trichloroethane	U	7/8/2009		UG/L	0.19	1
1,1,2,2-Tetrachloroethane	U	7/8/2009		UG/L	0.33	1
1,1,2-Trichloroethane	U	7/8/2009		UG/L	0.28	1
1,1-Dichloroethane	U	7/8/2009		UG/L	0.28	1
1,1-Dichloroethene	U	7/8/2009		UG/L	0.24	1
1,2,3-Trichloropropane	U	7/8/2009		UG/L	0.76	1
1,2-Dibromo-3-chloropropane	U	7/8/2009		UG/L	1.4	1
1,2-Dibromoethane(EDB)	U	7/8/2009		UG/L	0.33	1
1,2-Dichloroethane	U	7/8/2009		UG/L	0.4	1
1,2-Dichloropropane	U	7/8/2009		UG/L	0.27	1
1,4 Dioxane	J3U	7/8/2009		UG/L	16	1
1,4-Dichloro-2-butene	U	7/8/2009		UG/L	1.9	1
2-Butanone	J3U	7/8/2009		UG/L	4	1
2-Hexanone	U	7/8/2009		UG/L	0.95	1
4-Methyl-2-pentanone	U	7/8/2009		UG/L	0.61	1
Acetone	J3U	7/8/2009		UG/L	5.6	1
Acetonitrile	U	7/8/2009		UG/L	5	1
Acrolein	U	7/8/2009		UG/L	3.3	1
Acrylonitrile	U	7/8/2009		UG/L	1.3	1
Allyl chloride	U	7/8/2009		UG/L	0.9	1
Benzene	U	7/8/2009		UG/L	0.16	1
Bromodichloromethane	U	7/8/2009		UG/L	0.15	1
Bromoform	U	7/8/2009		UG/L	0.36	1
Bromomethane	U	7/8/2009		UG/L	0.76	1
Carbon disulfide	U	7/8/2009		UG/L	0.29	1
Carbon tetrachloride	U	7/8/2009		UG/L	0.33	1
Chlorobenzene	U	7/8/2009		UG/L	0.18	1
Chloroethane	U	7/8/2009		UG/L	0.99	1
Chloroform	U	7/8/2009		UG/L	0.29	1
Chloromethane	U	7/8/2009		UG/L	0.68	1
Chloroprene	U	7/8/2009		UG/L	0.2	1
cis-1,3-Dichloropropene	U	7/8/2009		UG/L	0.23	1
Dibromochloromethane	U	7/8/2009		UG/L	0.34	1
Dibromomethane	U	7/8/2009		UG/L	0.53	1
Dichlorodifluoromethane	U	7/8/2009		UG/L	0.23	1
Ethyl methacrylate	U	7/8/2009		UG/L	0.35	1
Ethylbenzene	U	7/8/2009		UG/L	0.43	1
Isobutyl alcohol	U	7/8/2009		UG/L	11	1
Methacrylonitrile	U	7/8/2009		UG/L	1.6	1
Methyl iodide	U	7/8/2009		UG/L	0.4	1
Methyl methacrylate	U	7/8/2009		UG/L	0.74	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8260

Method Blank 070809BLKA32 **Matrix :** WQ

Associated Lab Samples : 070809BLKA32 070809LCSA32 070809LCSA32D 251299601 251299602 251299603 251299604

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methylene chloride	J3MU	7/8/2009		UG/L	0.52	1
Propionitrile	U	7/8/2009		UG/L	7.5	1
Styrene	U	7/8/2009		UG/L	0.2	1
Tetrachloroethene	U	7/8/2009		UG/L	0.35	1
Toluene	U	7/8/2009		UG/L	0.22	1
trans-1,2-Dichloroethene	U	7/8/2009		UG/L	0.23	1
trans-1,3-Dichloropropene	U	7/8/2009		UG/L	0.17	1
Trichloroethene	U	7/8/2009		UG/L	0.42	1
Trichlorofluoromethane	U	7/8/2009		UG/L	0.45	1
Vinyl acetate	U	7/8/2009		UG/L	0.36	1
Vinyl chloride	U	7/8/2009		UG/L	0.28	1
Xylene (total)	U	7/8/2009		UG/L	0.27	1
1,2-Dichloroethane-d4(SURR) (S	102	7/8/2009		%	(80 - 120)	1
4-Bromofluorobenzene(SURR) (	105	7/8/2009		%	(86 - 115)	1
Dibromofluoromethane(SURR) (	107	7/8/2009		%	(86 - 118)	1
Toluene d8(SURR) (S)	103	7/8/2009		%	(88 - 110)	1

LABORATORY CONTROL SAMPLE: 070809LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	23.2	116	(75-133)		
1,1,1-Trichloroethane	UG/L	20	23.8	119	(79-123)		
1,1,2,2-Tetrachloroethane	UG/L	20	19.8	99	(84-113)		
1,1,2-Trichloroethane	UG/L	20	21.4	107	(80-117)		
1,1-Dichloroethane	UG/L	20	22	110	(76-118)		
1,1-Dichloroethene	UG/L	20	22.2	111	(81-119)		
1,2,3-Trichloropropane	UG/L	20	21	105	(84-119)		
1,2-Dibromo-3-chloropropane	UG/L	20	21	105	(63-130)		
1,2-Dibromoethane(EDB)	UG/L	20	21.6	108	(84-121)		
1,2-Dichloroethane	UG/L	20	22.9	114	(83-114)		
1,2-Dichloropropane	UG/L	20	22.4	112	(74-118)		
1,4 Dioxane	UG/L	400	474	118	(75-168)		
1,4-Dichloro-2-butene	UG/L	40	34.1	85.2	(62-123)		
2-Butanone	UG/L	40	38.2	95.5	(76-124)		
2-Hexanone	UG/L	40	39.1	97.8	(75-132)		
4-Methyl-2-pentanone	UG/L	40	42.1	105	(61-134)		
Acetone	UG/L	40	40.5	101	(45-156)		
Acetonitrile	UG/L	200	215	108	(68-125)		
Acrolein	UG/L	40	36.8	92	(61-125)		
Acrylonitrile	UG/L	40	43.6	109	(62-132)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070809LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Allyl chloride	UG/L	20	21.5	108	(68-121)		
Benzene	UG/L	20	22	110	(71-120)		
Bromodichloromethane	UG/L	20	23.2	116	(78-117)		
Bromoform	UG/L	20	22.4	112	(71-128)		
Bromomethane	UG/L	20	19.7	98.5	(58-144)		
Carbon disulfide	UG/L	20	21.3	106	(65-121)		
Carbon tetrachloride	UG/L	20	24.5	122	(67-138)		
Chlorobenzene	UG/L	20	22	110	(70-130)		
Chloroethane	UG/L	20	18.4	92	(72-135)		
Chloroform	UG/L	20	22.7	114	(80-115)		
Chloromethane	UG/L	20	18.9	94.5	(63-124)		
Chloroprene	UG/L	20	23.4	117	(80-120)		
cis-1,3-Dichloropropene	UG/L	20	23.3	116	(63-129)		
Dibromochloromethane	UG/L	20	22.1	110	(78-123)		
Dibromomethane	UG/L	20	21.4	107	(75-119)		
Dichlorodifluoromethane	UG/L	20	22.9	114	(62-133)		
Ethyl methacrylate	UG/L	20	22	110	(72-122)		
Ethylbenzene	UG/L	20	22.7	114	(70-130)		
Isobutyl alcohol	UG/L	400	341	85.2	(4-173)		
Methacrylonitrile	UG/L	200	216	108	(68-121)		
Methyl iodide	UG/L	20	22.2	111	(56-133)		
Methyl methacrylate	UG/L	20	21.3	106	(73-116)		
Methylene chloride	UG/L	20	21.3	106	(75-111)		
Propionitrile	UG/L	200	201	100	(77-118)		
Styrene	UG/L	20	22.4	112	(70-130)		
Tetrachloroethene	UG/L	20	22.6	113	(70-130)		
Toluene	UG/L	20	23.2	116	(75-119)		
trans-1,2-Dichloroethene	UG/L	20	22.9	114	(79-121)		
trans-1,3-Dichloropropene	UG/L	20	22.9	114	(68-127)		
Trichloroethene	UG/L	20	23.4	117	(76-123)		
Trichlorofluoromethane	UG/L	20	21.6	108	(74-135)		
Vinyl acetate	UG/L	20	20.4	102	(49-136)		
Vinyl chloride	UG/L	20	21	105	(60-124)		
Xylene (total)	UG/L	60	68.9	115	(70-130)		
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	52.1	104	(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	49.4	98.8	(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	51	102	(86-118)		
Toluene d8(SURR) (S)	UG/L	50	50.9	102	(88-110)		

LABORATORY CONTROL SAMPLE: 070809LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	21.6	108	(75-133)	7.1	20
1,1,1-Trichloroethane	UG/L	20	22.6	113	(79-123)	5.2	20
1,1,2,2-Tetrachloroethane	UG/L	20	18.9	94.5	(84-113)	4.7	20
1,1,2-Trichloroethane	UG/L	20	19.7	98.5	(80-117)	8.3	20
1,1-Dichloroethane	UG/L	20	21	105	(76-118)	4.7	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070809LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
1,1-Dichloroethene	UG/L	20	21.5	108		(81-119)	3.2	20
1,2,3-Trichloropropane	UG/L	20	19.7	98.5		(84-119)	6.4	20
1,2-Dibromo-3-chloropropane	UG/L	20	19.6	98		(63-130)	6.9	20
1,2-Dibromoethane(EDB)	UG/L	20	20.6	103		(84-121)	4.7	20
1,2-Dichloroethane	UG/L	20	22	110		(83-114)	4	20
1,2-Dichloropropane	UG/L	20	20.3	102		(74-118)	9.8	20
1,4 Dioxane	UG/L	400	333	83.2		(75-168)	34.9 *	20
1,4-Dichloro-2-butene	UG/L	40	32.4	81		(62-123)	5.1	20
2-Butanone	UG/L	40	47.7	119		(76-124)	22.1 *	20
2-Hexanone	UG/L	40	40.6	102		(75-132)	3.8	20
4-Methyl-2-pentanone	UG/L	40	38.2	95.5		(61-134)	9.7	20
Acetone	UG/L	40	50.4	126		(45-156)	21.8 *	20
Acetonitrile	UG/L	200	221	110		(68-125)	2.8	20
Acrolein	UG/L	40	36.8	92		(61-125)	0	20
Acrylonitrile	UG/L	40	43.1	108		(62-132)	1.2	20
Allyl chloride	UG/L	20	22.1	110		(68-121)	2.8	20
Benzene	UG/L	20	20.9	104		(71-120)	5.1	20
Bromodichloromethane	UG/L	20	21.6	108		(78-117)	7.1	20
Bromoform	UG/L	20	21	105		(71-128)	6.5	20
Bromomethane	UG/L	20	20.4	102		(58-144)	3.5	20
Carbon disulfide	UG/L	20	20.1	100		(65-121)	5.8	20
Carbon tetrachloride	UG/L	20	22.9	114		(67-138)	6.8	20
Chlorobenzene	UG/L	20	20.3	102		(70-130)	8	20
Chloroethane	UG/L	20	18.8	94		(72-135)	2.2	20
Chloroform	UG/L	20	21.5	108		(80-115)	5.4	20
Chloromethane	UG/L	20	20.2	101		(63-124)	6.6	20
Chloroprene	UG/L	20	22.3	112		(80-120)	4.8	20
cis-1,3-Dichloropropene	UG/L	20	22	110		(63-129)	5.7	20
Dibromochloromethane	UG/L	20	21.1	106		(78-123)	4.6	20
Dibromomethane	UG/L	20	20.6	103		(75-119)	3.8	20
Dichlorodifluoromethane	UG/L	20	23.9	120		(62-133)	4.3	20
Ethyl methacrylate	UG/L	20	21	105		(72-122)	4.7	20
Ethylbenzene	UG/L	20	20.3	102		(70-130)	11.2	20
Isobutyl alcohol	UG/L	400	359	89.8		(4-173)	5.1	20
Methacrylonitrile	UG/L	200	203	102		(68-121)	6.2	20
Methyl iodide	UG/L	20	21.2	106		(56-133)	4.6	20
Methyl methacrylate	UG/L	20	20.3	102		(73-116)	4.8	20
Methylene chloride	UG/L	20	24	120	*	(75-111)	11.9	20
Propionitrile	UG/L	200	193	96.5		(77-118)	4.1	20
Styrene	UG/L	20	20.9	104		(70-130)	6.9	20
Tetrachloroethene	UG/L	20	20.6	103		(70-130)	9.3	20
Toluene	UG/L	20	21.5	108		(75-119)	7.6	20
trans-1,2-Dichloroethene	UG/L	20	21.4	107		(79-121)	6.8	20
trans-1,3-Dichloropropene	UG/L	20	22	110		(68-127)	4	20
Trichloroethene	UG/L	20	21.2	106		(76-123)	9.9	20
Trichlorofluoromethane	UG/L	20	22	110		(74-135)	1.8	21
Vinyl acetate	UG/L	20	21.4	107		(49-136)	4.8	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070809LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Vinyl chloride	UG/L	20	21.8	109	(60-124)	3.7	20
Xylene (total)	UG/L	60	63.1	105	(70-130)	8.8	20
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	49.8	99.6	(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	50.3	101	(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	53.3	107	(86-118)		
Toluene d8(SURR) (S)	UG/L	50	52.2	104	(88-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8270

Method Blank 288082 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288082 288083 288084

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
0,0,0-Triethylphosphorothioate	U	7/8/2009	7/7/2009	UG/L	2.9	1
1,2,4,5-Tetrachlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.2	1
1,2,4-Trichlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.6	1
1,2-Dichlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.6	1
1,3,5-Trinitrobenzene	U	7/8/2009	7/7/2009	UG/L	2.8	1
1,3-Dichlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.7	1
1,3-Dinitrobenzene	U	7/8/2009	7/7/2009	UG/L	2.5	1
1,4-Dichlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.7	1
1,4-Naphthoquinone	U	7/8/2009	7/7/2009	UG/L	3.1	1
1-Naphthylamine	U	7/8/2009	7/7/2009	UG/L	1.8	1
2,2-Oxybis(1-chloropropane)	U	7/8/2009	7/7/2009	UG/L	3.3	1
2,3,4,6-Tetrachlorophenol	U	7/8/2009	7/7/2009	UG/L	3	1
2,4,5-Trichlorophenol	U	7/8/2009	7/7/2009	UG/L	3.4	1
2,4,6-Trichlorophenol	U	7/8/2009	7/7/2009	UG/L	3.6	1
2,4-Dichlorophenol	U	7/8/2009	7/7/2009	UG/L	3.1	1
2,4-Dimethylphenol	U	7/8/2009	7/7/2009	UG/L	2.3	1
2,4-Dinitrophenol	U	7/8/2009	7/7/2009	UG/L	5.6	1
2,4-Dinitrotoluene	U	7/8/2009	7/7/2009	UG/L	2.8	1
2,6-Dichlorophenol	U	7/8/2009	7/7/2009	UG/L	3.5	1
2,6-Dinitrotoluene	U	7/8/2009	7/7/2009	UG/L	2.8	1
2-Acetylaminofluorene	U	7/8/2009	7/7/2009	UG/L	2.5	1
2-Chloronaphthalene	U	7/8/2009	7/7/2009	UG/L	2.8	1
2-Chlorophenol	U	7/8/2009	7/7/2009	UG/L	2.9	1
2-Methyl-4,6-dinitrophenol	U	7/8/2009	7/7/2009	UG/L	3.3	1
2-Methylnaphthalene	U	7/8/2009	7/7/2009	UG/L	2.8	1
2-Methylphenol (o-Cresol)	U	7/8/2009	7/7/2009	UG/L	2.6	1
2-Naphthylamine	J3RU	7/8/2009	7/7/2009	UG/L	2.5	1
2-Nitroaniline	U	7/8/2009	7/7/2009	UG/L	3	1
2-Nitrophenol	U	7/8/2009	7/7/2009	UG/L	3.4	1
2-Picoline	J3RU	7/8/2009	7/7/2009	UG/L	1.9	1
3,3'-Dichlorobenzidine	U	7/8/2009	7/7/2009	UG/L	2.7	1
3,3'-Dimethylbenzidine	J3MU	7/8/2009	7/7/2009	UG/L	6	1
3-Methylcholanthrene	J3U	7/8/2009	7/7/2009	UG/L	2.2	1
3-Nitroaniline	U	7/8/2009	7/7/2009	UG/L	2.8	1
4-Aminobiphenyl	J3MU	7/8/2009	7/7/2009	UG/L	2.2	1
4-Bromophenyl-phenylether	U	7/8/2009	7/7/2009	UG/L	2.3	1
4-Chloro-3-methylphenol	U	7/8/2009	7/7/2009	UG/L	2.7	1
4-Chloroaniline	U	7/8/2009	7/7/2009	UG/L	3	1
4-Chlorophenyl-phenylether	U	7/8/2009	7/7/2009	UG/L	2.5	1
4-Methylphenol	U	7/8/2009	7/7/2009	UG/L	6.1	1
4-Nitroaniline	U	7/8/2009	7/7/2009	UG/L	2.8	1
4-Nitrophenol	U	7/8/2009	7/7/2009	UG/L	2.9	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8270

Method Blank 288082 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288082 288083 288084

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4-Nitroquinoline-1-oxide	U	7/8/2009	7/7/2009	UG/L	3.7	1
5-Nitro-o-toluidine	U	7/8/2009	7/7/2009	UG/L	2.6	1
7,12-Dimethylbenz(a)anthracene	U	7/8/2009	7/7/2009	UG/L	2.5	1
a,a-Dimethylphenethylamine	J3U	7/8/2009	7/7/2009	UG/L	16	1
Acenaphthene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Acenaphthylene	U	7/8/2009	7/7/2009	UG/L	3	1
Acetophenone	J3RU	7/8/2009	7/7/2009	UG/L	4	1
Aniline	U	7/8/2009	7/7/2009	UG/L	2.8	1
Anthracene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Aramite	U	7/8/2009	7/7/2009	UG/L	2.5	1
Benzo(a)anthracene	U	7/8/2009	7/7/2009	UG/L	2.6	1
Benzo(a)pyrene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Benzo(b)fluoranthene	U	7/8/2009	7/7/2009	UG/L	2.6	1
Benzo(g,h,i)perylene	U	7/8/2009	7/7/2009	UG/L	2.6	1
Benzo(k)fluoranthene	U	7/8/2009	7/7/2009	UG/L	2.9	1
Benzyl alcohol	U	7/8/2009	7/7/2009	UG/L	3.1	1
Bis(2-Chloroethoxy)methane	J3U	7/8/2009	7/7/2009	UG/L	3.5	1
Bis(2-Chloroethyl)ether	U	7/8/2009	7/7/2009	UG/L	3	1
bis(2-ethylhexyl)phthalate	U	7/8/2009	7/7/2009	UG/L	4.4	1
Butylbenzylphthalate	U	7/8/2009	7/7/2009	UG/L	3	1
Chlorobenzilate	U	7/8/2009	7/7/2009	UG/L	2.5	1
Chrysene	U	7/8/2009	7/7/2009	UG/L	2.9	1
Diallate (Avadex)	U	7/8/2009	7/7/2009	UG/L	2.6	1
Dibenz(a,h)anthracene	U	7/8/2009	7/7/2009	UG/L	2.7	1
Dibenzofuran	U	7/8/2009	7/7/2009	UG/L	2.7	1
Diethylphthalate	U	7/8/2009	7/7/2009	UG/L	2.8	1
Dimethyl-phthalate	U	7/8/2009	7/7/2009	UG/L	3	1
Di-n-butylphthalate	U	7/8/2009	7/7/2009	UG/L	2.9	1
Di-n-octylphthalate	U	7/8/2009	7/7/2009	UG/L	2.8	1
Ethyl methanesulfonate	U	7/8/2009	7/7/2009	UG/L	2.5	1
Fluoranthene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Fluorene	U	7/8/2009	7/7/2009	UG/L	2.9	1
Hexachlorobenzene	U	7/8/2009	7/7/2009	UG/L	0.41	1
Hexachlorobutadiene	U	7/8/2009	7/7/2009	UG/L	2.5	1
Hexachlorocyclopentadiene	U	7/8/2009	7/7/2009	UG/L	2.2	1
Hexachloroethane	U	7/8/2009	7/7/2009	UG/L	2.6	1
Hexachloropropene	U	7/8/2009	7/7/2009	UG/L	2	1
Indeno(1,2,3-cd)pyrene	U	7/8/2009	7/7/2009	UG/L	2.6	1
Isodrin	U	7/8/2009	7/7/2009	UG/L	2.6	1
Isophorone	U	7/8/2009	7/7/2009	UG/L	3.8	1
Isosafrole	U	7/8/2009	7/7/2009	UG/L	2.6	1
Kepone	U	7/8/2009	7/7/2009	UG/L	16	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 8270

Method Blank 288082 **Matrix :** WQ

Associated Lab Samples : 251299601 251299602 288082 288083 288084

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methapyriline	J3MU	7/8/2009	7/7/2009	UG/L	3.7	1
Methylmethanesulfonate	U	7/8/2009	7/7/2009	UG/L	1.9	1
Naphthalene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Nitrobenzene	U	7/8/2009	7/7/2009	UG/L	2.8	1
N-Nitrosodibutylamine	U	7/8/2009	7/7/2009	UG/L	2.7	1
N-Nitrosodiethylamine	U	7/8/2009	7/7/2009	UG/L	3.1	1
N-Nitrosodimethylamine	J3U	7/8/2009	7/7/2009	UG/L	2.2	1
N-Nitroso-di-n-propylamine	U	7/8/2009	7/7/2009	UG/L	3	1
N-Nitrosodiphenylamine	J3U	7/8/2009	7/7/2009	UG/L	3.4	1
N-Nitrosomethylethylamine	U	7/8/2009	7/7/2009	UG/L	2.7	1
N-Nitrosomorpholine	U	7/8/2009	7/7/2009	UG/L	3	1
N-Nitrosopiperidine	U	7/8/2009	7/7/2009	UG/L	2.8	1
N-Nitrosopyrrolidine	U	7/8/2009	7/7/2009	UG/L	2.7	1
o-Toluidine	U	7/8/2009	7/7/2009	UG/L	2.7	1
p-Dimethylaminoazobenzene	U	7/8/2009	7/7/2009	UG/L	2.5	1
Pentachlorobenzene	U	7/8/2009	7/7/2009	UG/L	2.2	1
Pentachloroethane	U	7/8/2009	7/7/2009	UG/L	2.5	1
Pentachloronitrobenzene(PCNB)	U	7/8/2009	7/7/2009	UG/L	2.4	1
Pentachlorophenol	U	7/8/2009	7/7/2009	UG/L	2.6	1
Phenacetin	U	7/8/2009	7/7/2009	UG/L	2.7	1
Phenanthrene	U	7/8/2009	7/7/2009	UG/L	2.8	1
Phenol	U	7/8/2009	7/7/2009	UG/L	1.7	1
p-Phenylenediamine	U	7/8/2009	7/7/2009	UG/L	2.7	1
Pronamide	U	7/8/2009	7/7/2009	UG/L	1.8	1
Pyrene	U	7/8/2009	7/7/2009	UG/L	2.9	1
Pyridine	J3RU	7/8/2009	7/7/2009	UG/L	2.1	1
Safrole	U	7/8/2009	7/7/2009	UG/L	2.5	1
2,4,6-Tribromophenol(SURR) (S)	87	7/8/2009	7/7/2009	%	(10 - 122)	1
2-Fluorobiphenyl(SURR) (S)	73.5	7/8/2009	7/7/2009	%	(43 - 116)	1
2-Fluorophenol(SURR) (S)	64.5	7/8/2009	7/7/2009	%	(21 - 120)	1
Nitrobenzene-d5(SURR) (S)	88.9	7/8/2009	7/7/2009	%	(35 - 114)	1
Phenol-d5(SURR) (S)	43.4	7/8/2009	7/7/2009	%	(10 - 94)	1
p-Terphenyl-d14(SURR) (S)	67.6	7/8/2009	7/7/2009	%	(33 - 141)	1

LABORATORY CONTROL SAMPLE: 288083 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
0,0,0-Triethylphosphorothioate	UG/L	40	33.8	84.5	(52-120)		
1,2,4,5-Tetrachlorobenzene	UG/L	40	32.8	82	(58-107)		
1,2,4-Trichlorobenzene	UG/L	40	27.2	68	(45-105)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288083 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
1,2-Dichlorobenzene	UG/L	40	25.4	63.5		(40-100)		
1,3,5-Trinitrobenzene	UG/L	40	24.7	61.8		(18-169)		
1,3-Dichlorobenzene	UG/L	40	24.2	60.5		(36-100)		
1,3-Dinitrobenzene	UG/L	40	33.2	83		(45-135)		
1,4-Dichlorobenzene	UG/L	40	24.1	60.2		(38-100)		
1,4-Naphthoquinone	UG/L	40	29.8	74.5		(12-168)		
1-Naphthylamine	UG/L	40	33.3	83.2		(40-107)		
2,2-Oxybis(1-chloropropane)	UG/L	40	39.8	99.5		(59-119)		
2,3,4,6-Tetrachlorophenol	UG/L	40	36.6	91.5		(63-159)		
2,4,5-Trichlorophenol	UG/L	40	36.8	92		(50-110)		
2,4,6-Trichlorophenol	UG/L	40	36	90		(53-115)		
2,4-Dichlorophenol	UG/L	40	34.9	87.2		(54-105)		
2,4-Dimethylphenol	UG/L	40	37.5	93.8		(47-110)		
2,4-Dinitrophenol	UG/L	80	52	65		(56-140)		
2,4-Dinitrotoluene	UG/L	40	32	80		(69-120)		
2,6-Dichlorophenol	UG/L	40	45.6	114		(51-128)		
2,6-Dinitrotoluene	UG/L	40	34.6	86.5		(69-115)		
2-Acetylaminofluorene	UG/L	40	31.8	79.5		(50-105)		
2-Chloronaphthalene	UG/L	40	32.9	82.2		(35-105)		
2-Chlorophenol	UG/L	40	34.6	86.5		(51-105)		
2-Methyl-4,6-dinitrophenol	UG/L	40	33.5	83.8		(44-130)		
2-Methylnaphthalene	UG/L	40	30.1	75.2		(57-105)		
2-Methylphenol (o-Cresol)	UG/L	40	33.4	83.5		(47-110)		
2-Naphthylamine	UG/L	40	28.6	71.5		(49-99)		
2-Nitroaniline	UG/L	40	36.3	90.8		(66-115)		
2-Nitrophenol	UG/L	40	36.4	91		(48-115)		
2-Picoline	UG/L	40	27.1	67.8		(26-84)		
3,3'-Dichlorobenzidine	UG/L	40	36.3	90.8		(55-110)		
3,3'-Dimethylbenzidine	UG/L	40	15.7	39.2		(16-94)		
3-Methylcholanthrene	UG/L	40	64.7	162	*	(54-123)		
3-Nitroaniline	UG/L	40	31.6	79		(61-125)		
4-Aminobiphenyl	UG/L	40	23	57.5		(54-122)		
4-Bromophenyl-phenylether	UG/L	40	41.1	103		(54-113)		
4-Chloro-3-methylphenol	UG/L	40	35.2	88		(55-110)		
4-Chloroaniline	UG/L	40	30.9	77.2		(52-110)		
4-Chlorophenyl-phenylether	UG/L	40	35.7	89.2		(60-110)		
4-Methylphenol	UG/L	40	30.7	76.8		(37-110)		
4-Nitroaniline	UG/L	40	33.8	84.5		(67-120)		
4-Nitrophenol	UG/L	40	16.8	42		(27-80)		
4-Nitroquinoline-1-oxide	UG/L	40	27.5	68.8		(26-115)		
5-Nitro-o-toluidine	UG/L	40	27.7	69.2		(48-126)		
7,12-Dimethylbenz(a)anthracene	UG/L	40	34.3	85.8		(44-135)		
a,a-Dimethylphenethylamine	UG/L	40	ND	0	*	(10-100)		
Acenaphthene	UG/L	40	31	77.5		(60-110)		
Acenaphthylene	UG/L	40	32.1	80.2		(58-105)		
Acetophenone	UG/L	80	57.3	71.6		(20-127)		
Aniline	UG/L	40	32.5	81.2		(45-155)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288083 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS		RPD	RPD LIMIT
Anthracene	UG/L	40	33.7	84.2	(63-110)			
Aramite	UG/L	40	29	72.5	(44-145)			
Benzo(a)anthracene	UG/L	40	33	82.5	(63-110)			
Benzo(a)pyrene	UG/L	40	32.8	82	(60-110)			
Benzo(b)fluoranthene	UG/L	40	33.6	84	(60-120)			
Benzo(g,h,i)perylene	UG/L	40	36.3	90.8	(40-125)			
Benzo(k)fluoranthene	UG/L	40	31.2	78	(54-125)			
Benzyl alcohol	UG/L	40	30	75	(60-110)			
Bis(2-Chloroethoxy)methane	UG/L	40	39.8	99.5	(61-105)			
Bis(2-Chloroethyl)ether	UG/L	40	38.7	96.8	(62-110)			
bis(2-ethylhexyl)phthalate	UG/L	40	39.6	99	(63-125)			
Butylbenzylphthalate	UG/L	40	42.8	107	(64-115)			
Chlorobenzilate	UG/L	40	33.9	84.8	(55-136)			
Chrysene	UG/L	40	32.5	81.2	(60-110)			
Diallate (Avadex)	UG/L	40	23.5	58.8	(47-119)			
Dibenz(a,h)anthracene	UG/L	40	36.4	91	(41-125)			
Dibenzofuran	UG/L	40	31.4	78.5	(64-105)			
Diethylphthalate	UG/L	40	36.1	90.2	(64-120)			
Dimethyl-phthalate	UG/L	40	36.2	90.5	(62-125)			
Di-n-butylphthalate	UG/L	40	40.1	100	(65-115)			
Di-n-octylphthalate	UG/L	40	40.3	101	(57-135)			
Ethyl methanesulfonate	UG/L	40	37.6	94	(46-128)			
Fluoranthene	UG/L	40	32.4	81	(64-115)			
Fluorene	UG/L	40	30.4	76	(62-110)			
Hexachlorobenzene	UG/L	40	34.6	86.5	(68-110)			
Hexachlorobutadiene	UG/L	40	27.1	67.8	(42-105)			
Hexachlorocyclopentadiene	UG/L	40	26.7	66.8	(27-139)			
Hexachloroethane	UG/L	40	22.9	57.2	(32-95)			
Hexachloropropene	UG/L	40	30.3	75.8	(10-120)			
Indeno(1,2,3-cd)pyrene	UG/L	40	35.6	89	(45-125)			
Isodrin	UG/L	40	38.5	96.2	(59-114)			
Isophorone	UG/L	40	39.1	97.8	(68-110)			
Isosafrole	UG/L	40	35.2	88	(49-123)			
Kepone	UG/L	40	25.2	63	(17-136)			
Methapyriline	UG/L	40	35.1	87.8	*	(10-55)		
Methylmethanesulfonate	UG/L	40	28.6	71.5	(11-112)			
Naphthalene	UG/L	40	29.7	74.2	(50-100)			
Nitrobenzene	UG/L	40	36.2	90.5	(61-110)			
N-Nitrosodibutylamine	UG/L	40	35.1	87.8	(43-129)			
N-Nitrosodiethylamine	UG/L	40	35.2	88	(44-125)			
N-Nitrosodimethylamine	UG/L	40	34.4	86	(36-89)			
N-Nitroso-di-n-propylamine	UG/L	40	38.8	97	(57-120)			
N-Nitrosodiphenylamine	UG/L	40	42.7	107	(71-110)			
N-Nitrosomethylethylamine	UG/L	40	33.8	84.5	(46-120)			
N-Nitrosomorpholine	UG/L	40	36.3	90.8	(61-116)			
N-Nitrosopiperidine	UG/L	40	33	82.5	(45-125)			
N-Nitrosopyrrolidine	UG/L	40	30.8	77	(45-113)			

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288083 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
o-Toluidine	UG/L	40	32.2	80.5	(49-125)		
p-Dimethylaminoazobenzene	UG/L	40	31.6	79	(47-125)		
Pentachlorobenzene	UG/L	40	33.1	82.8	(54-117)		
Pentachloroethane	UG/L	40	29.3	73.2	(30-115)		
Pentachloronitrobenzene(PCNB)	UG/L	40	34	85	(55-138)		
Pentachlorophenol	UG/L	40	36.7	91.8	(41-115)		
Phenacetin	UG/L	40	33	82.5	(48-130)		
Phenanthrene	UG/L	40	32	80	(61-115)		
Phenol	UG/L	40	19.5	48.8	(30-74)		
p-Phenylenediamine	UG/L	40	33.2	83	(43-122)		
Pronamide	UG/L	40	30.6	76.5	(52-123)		
Pyrene	UG/L	40	34.8	87	(62-130)		
Pyridine	UG/L	40	25.8	64.5	(18-80)		
Safrole	UG/L	40	42.1	105	(40-133)		
2,4,6-Tribromophenol(SURR) (S)	UG/L	200	192	96	(10-122)		
2-Fluorobiphenyl(SURR) (S)	UG/L	100	77.6	77.6	(43-116)		
2-Fluorophenol(SURR) (S)	UG/L	200	137	68.5	(21-120)		
Nitrobenzene-d5(SURR) (S)	UG/L	100	92.5	92.5	(35-114)		
Phenol-d5(SURR) (S)	UG/L	200	90.3	45.2	(10-94)		
p-Terphenyl-d14(SURR) (S)	UG/L	100	71.8	71.8	(33-141)		

LABORATORY CONTROL SAMPLE: 288084 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
0,0,0-Triethylphosphorothioate	UG/L	40	34.3	85.8	(52-120)	1.5	20
1,2,4,5-Tetrachlorobenzene	UG/L	40	33.4	83.5	(58-107)	1.8	20
1,2,4-Trichlorobenzene	UG/L	40	29.5	73.8	(45-105)	8.1	18
1,2-Dichlorobenzene	UG/L	40	26.8	67	(40-100)	5.4	20
1,3,5-Trinitrobenzene	UG/L	40	25.8	64.5	(18-169)	4.4	20
1,3-Dichlorobenzene	UG/L	40	26.3	65.8	(36-100)	8.3	16
1,3-Dinitrobenzene	UG/L	40	35.2	88	(45-135)	5.8	20
1,4-Dichlorobenzene	UG/L	40	25.8	64.5	(38-100)	6.8	16
1,4-Naphthoquinone	UG/L	40	31.9	79.8	(12-168)	6.8	20
1-Naphthylamine	UG/L	40	28.5	71.2	(40-107)	15.5	20
2,2-Oxybis(1-chloropropane)	UG/L	40	41.3	103	(59-119)	3.7	14
2,3,4,6-Tetrachlorophenol	UG/L	40	37.7	94.2	(63-159)	3	20
2,4,5-Trichlorophenol	UG/L	40	38.6	96.5	(50-110)	4.8	20
2,4,6-Trichlorophenol	UG/L	40	38.4	96	(53-115)	6.5	19
2,4-Dichlorophenol	UG/L	40	37.3	93.2	(54-105)	6.6	20
2,4-Dimethylphenol	UG/L	40	39.8	99.5	(47-110)	6	20
2,4-Dinitrophenol	UG/L	80	57.7	72.1	(56-140)	10.4	20
2,4-Dinitrotoluene	UG/L	40	34.2	85.5	(69-120)	6.6	18
2,6-Dichlorophenol	UG/L	40	49.3	123	(51-128)	7.8	20
2,6-Dinitrotoluene	UG/L	40	37.2	93	(69-115)	7.2	17
2-Acetylaminofluorene	UG/L	40	32.6	81.5	(50-105)	2.5	20
2-Chloronaphthalene	UG/L	40	34.8	87	(35-105)	5.6	19
2-Chlorophenol	UG/L	40	36.3	90.8	(51-105)	4.8	15

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288084 Matrix : WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
2-Methyl-4,6-dinitrophenol	UG/L	40	35.7	89.2		(44-130)	6.4	19
2-Methylnaphthalene	UG/L	40	31.9	79.8		(57-105)	5.8	19
2-Methylphenol (o-Cresol)	UG/L	40	34.9	87.2		(47-110)	4.4	15
2-Naphthylamine	UG/L	40	22.4	56		(49-99)	24.3 *	20
2-Nitroaniline	UG/L	40	38.8	97		(66-115)	6.7	18
2-Nitrophenol	UG/L	40	40.4	101		(48-115)	10.4	20
2-Picoline	UG/L	40	18.3	45.8		(26-84)	38.8 *	20
3,3'-Dichlorobenzidine	UG/L	40	33.1	82.8		(55-110)	9.2	15
3,3'-Dimethylbenzidine	UG/L	40	ND	0	*	(16-94)	200 *	20
3-Methylcholanthrene	UG/L	40	67.4	168	*	(54-123)	4.1	20
3-Nitroaniline	UG/L	40	32	80		(61-125)	1.3	20
4-Aminobiphenyl	UG/L	40	15.4	38.5	*	(54-122)	39.6 *	20
4-Bromophenyl-phenylether	UG/L	40	43	108		(54-113)	4.5	17
4-Chloro-3-methylphenol	UG/L	40	38.4	96		(55-110)	8.7	12
4-Chloroaniline	UG/L	40	28.6	71.5		(52-110)	7.7	17
4-Chlorophenyl-phenylether	UG/L	40	37.4	93.5		(60-110)	4.7	20
4-Methylphenol	UG/L	40	30.5	76.2		(37-110)	0.7	10
4-Nitroaniline	UG/L	40	35.9	89.8		(67-120)	6	20
4-Nitrophenol	UG/L	40	18.4	46		(27-80)	9.1	20
4-Nitroquinoline-1-oxide	UG/L	40	24.5	61.2		(26-115)	11.5	20
5-Nitro-o-toluidine	UG/L	40	27.1	67.8		(48-126)	2.2	20
7,12-Dimethylbenz(a)anthracene	UG/L	40	35.5	88.8		(44-135)	3.4	20
a,a-Dimethylphenethylamine	UG/L	40	ND	0	*	(10-100)		
Acenaphthene	UG/L	40	32.7	81.8		(60-110)	5.3	20
Acenaphthylene	UG/L	40	34	85		(58-105)	5.7	15
Acetophenone	UG/L	80	82	102		(20-127)	35.5 *	20
Aniline	UG/L	40	30	75		(45-155)	8	20
Anthracene	UG/L	40	35.2	88		(63-110)	4.4	14
Aramite	UG/L	40	30.3	75.8		(44-145)	4.4	20
Benzo(a)anthracene	UG/L	40	34.9	87.2		(63-110)	5.6	20
Benzo(a)pyrene	UG/L	40	34.9	87.2		(60-110)	6.2	19
Benzo(b)fluoranthene	UG/L	40	35.4	88.5		(60-120)	5.2	17
Benzo(g,h,i)perylene	UG/L	40	38.1	95.2		(40-125)	4.8	20
Benzo(k)fluoranthene	UG/L	40	33.1	82.8		(54-125)	5.9	17
Benzyl alcohol	UG/L	40	31.6	79		(60-110)	5.2	20
Bis(2-Chloroethoxy)methane	UG/L	40	42.8	107	*	(61-105)	7.3	20
Bis(2-Chloroethyl)ether	UG/L	40	40.2	100		(62-110)	3.8	14
bis(2-ethylhexyl)phthalate	UG/L	40	42.2	106		(63-125)	6.4	20
Butylbenzylphthalate	UG/L	40	44.8	112		(64-115)	4.6	20
Chlorobenzilate	UG/L	40	35.4	88.5		(55-136)	4.3	20
Chrysene	UG/L	40	34.4	86		(60-110)	5.7	15
Diallate (Avadex)	UG/L	40	24.1	60.2		(47-119)	2.5	20
Dibenz(a,h)anthracene	UG/L	40	38.4	96		(41-125)	5.3	20
Dibenzofuran	UG/L	40	32.9	82.2		(64-105)	4.7	20
Diethylphthalate	UG/L	40	38.1	95.2		(64-120)	5.4	13
Dimethyl-phthalate	UG/L	40	38.3	95.8		(62-125)	5.6	15
Di-n-butylphthalate	UG/L	40	42.3	106		(65-115)	5.3	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288084 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Di-n-octylphthalate	UG/L	40	42.5	106		(57-135)	5.3	20
Ethyl methanesulfonate	UG/L	40	39.3	98.2		(46-128)	4.4	20
Fluoranthene	UG/L	40	33.9	84.8		(64-115)	4.5	11
Fluorene	UG/L	40	31.9	79.8		(62-110)	4.8	20
Hexachlorobenzene	UG/L	40	36.7	91.8		(68-110)	5.9	20
Hexachlorobutadiene	UG/L	40	30	75		(42-105)	10.2	20
Hexachlorocyclopentadiene	UG/L	40	28.4	71		(27-139)	6.2	20
Hexachloroethane	UG/L	40	24.9	62.2		(32-95)	8.4	17
Hexachloropropene	UG/L	40	30.3	75.8		(10-120)	0	20
Indeno(1,2,3-cd)pyrene	UG/L	40	37	92.5		(45-125)	3.9	20
Isodrin	UG/L	40	39.3	98.2		(59-114)	2.1	20
Isophorone	UG/L	40	42	105		(68-110)	7.2	20
Isosafrole	UG/L	40	36.9	92.2		(49-123)	4.7	20
Kepone	UG/L	40	26.3	65.8		(17-136)	4.3	20
Methapyriline	UG/L	40	8	20		(10-55)	125.8 *	20
Methylmethanesulfonate	UG/L	40	29.7	74.2		(11-112)	3.8	20
Naphthalene	UG/L	40	31.5	78.8		(50-100)	5.9	15
Nitrobenzene	UG/L	40	39.1	97.8		(61-110)	7.7	20
N-Nitrosodibutylamine	UG/L	40	36.3	90.8		(43-129)	3.4	20
N-Nitrosodiethylamine	UG/L	40	36.4	91		(44-125)	3.4	20
N-Nitrosodimethylamine	UG/L	40	36	90	*	(36-89)	4.5	20
N-Nitroso-di-n-propylamine	UG/L	40	39.1	97.8		(57-120)	0.8	20
N-Nitrosodiphenylamine	UG/L	40	44.5	111	*	(71-110)	4.1	20
N-Nitrosomethylethylamine	UG/L	40	35	87.5		(46-120)	3.5	20
N-Nitrosomorpholine	UG/L	40	37.3	93.2		(61-116)	2.7	20
N-Nitrosopiperidine	UG/L	40	34.6	86.5		(45-125)	4.7	20
N-Nitrosopyrrolidine	UG/L	40	30.8	77		(45-113)	0	20
o-Toluidine	UG/L	40	30.7	76.8		(49-125)	4.8	20
p-Dimethylaminoazobenzene	UG/L	40	34.1	85.2		(47-125)	7.6	20
Pentachlorobenzene	UG/L	40	34.2	85.5		(54-117)	3.3	20
Pentachloroethane	UG/L	40	28.6	71.5		(30-115)	2.4	20
Pentachloronitrobenzene(PCNB)	UG/L	40	36	90		(55-138)	5.7	20
Pentachlorophenol	UG/L	40	39.6	99		(41-115)	7.6	20
Phenacetin	UG/L	40	33.8	84.5		(48-130)	2.4	20
Phenanthrene	UG/L	40	33.9	84.8		(61-115)	5.8	16
Phenol	UG/L	40	20.5	51.2		(30-74)	5	20
p-Phenylenediamine	UG/L	40	33.5	83.8		(43-122)	0.9	20
Pronamide	UG/L	40	32	80		(52-123)	4.5	20
Pyrene	UG/L	40	36.9	92.2		(62-130)	5.9	20
Pyridine	UG/L	40	18	45		(18-80)	35.6 *	20
Safrole	UG/L	40	43.5	109		(40-133)	3.3	20
2,4,6-Tribromophenol(SURR) (S)	UG/L	200	180	90		(10-122)		
2-Fluorobiphenyl(SURR) (S)	UG/L	100	74.1	74.1		(43-116)		
2-Fluorophenol(SURR) (S)	UG/L	200	131	65.5		(21-120)		
Nitrobenzene-d5(SURR) (S)	UG/L	100	89.2	89.2		(35-114)		
Phenol-d5(SURR) (S)	UG/L	200	87	43.5		(10-94)		
p-Terphenyl-d14(SURR) (S)	UG/L	100	69.5	69.5		(33-141)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 310.1

Method Blank 9070552-BLK1 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK2 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK3 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK4 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK5 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	1.71 I	7/9/2009		MG/L	2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

METHOD: 310.1

Method Blank 9070552-BLK6 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK5 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

LABORATORY CONTROL SAMPLE: 9070552-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	50.8	102	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.5	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS3 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.4	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS4 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	48.8	98	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS5 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.8	100	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS6 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	51.3	103	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	43.8	43.4	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996

PROJECT ID: Sarasota CCSWDC

METHOD: 310.1

LABORATORY CONTROL SAMPLE: 9070552-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	43.4	44.7	103	(90-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: 160.1

Method Blank 9070381-BLK1 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070381-BLK1 9070381-BLK2 9070381-SRM1 9070381-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/7/2009		MG/L	5	1

Method Blank 9070381-BLK2 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070381-BLK1 9070381-BLK2 9070381-SRM1 9070381-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/7/2009		MG/L	5	1

LABORATORY CONTROL SAMPLE: 9070381-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	490	534	109	(85-115)		

LABORATORY CONTROL SAMPLE: 9070381-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	490	514	105	(85-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC
METHOD: SM4500-NH3-B,

Method Blank 9070485-BLK1 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070485-BLK1 9070485-BLK2 9070485-BS1 9070485-BS2 9070485-MS1 9070485-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/8/2009		MG/L	0.2	1

Method Blank 9070485-BLK2 **Matrix :** W

Associated Lab Samples : 251299601 251299602 9070485-BLK1 9070485-BLK2 9070485-BS1 9070485-BS2 9070485-MS1 9070485-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/8/2009		MG/L	0.2	1

LABORATORY CONTROL SAMPLE: 9070485-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.76	95	(90-110)		

LABORATORY CONTROL SAMPLE: 9070485-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.9	98	(90-110)		

LABORATORY CONTROL SAMPLE: 9070485-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	7.15	6.65	93	(74-124)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512996
PROJECT ID: Sarasota CCSWDC

Brian C. Spann

Digitally signed by Brian C. Spann
DN: cn=Brian C. Spann, o=Spectrum, ou=PEL, email=bspann@pelab.com, c=US
Date: 2009.07.10 15:36:31 -04'00'

Brian C. Spann Laboratory Manager

or

Mark Gudnason Quality Assurance Officer

PEL
A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1 251 2996-JH

Special Handling:
TAT- Indicate Date Needed:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc. Inc.
78 Sarasota Center Blvd.
Sarasota, FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647
Site Name: Sarasota CCSWDC
Location: 4000 Knights Trail Rd. Venice, Sarasota Co. State: FL
Sampler(s): Michael Eggleton Michael Eggleton

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice Only 10= _____ 11= _____

List preservative code below:

9	4	9	3	5	9	9	2

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
~~X1=~~ W= Water X2= _____ X3= _____

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151	8270/8081	6010*/7470	SM 2320	SM 2540/SM4500	9012	300.1**	8011	8260	
01	MW-20	6.30.09	10:51	G	GW	6	4		6	X	X	X	X	X	X	X	X	X	* Title 40 CFR 258
02	MW-19	6.30.09	14:50	G	GW	6	4		6	X	X	X	X	X	X	X	X	X	App. II metals plus Ca, Fe, Mg, K, Na.
	TEMP. BLANK	—	—	—	W	1													
03	TRIP BLANK	—	—	—	W	1													
	TEMP. BLANK	—	—	—	W	1													** Chlorides, Nitrate, Sulfate
04	TRIP BLANK	—	—	—	W	1													

☐ E-mail to _____

EDD Format Nitrate Canceled by Client due to Expired Hold # 7-2-09

pH for <2 for 8260, SM2540 SM4500 metals, pH 4 >12 for 9012, 9012, 2540, 4500, 2320 subbed in Agawam

Condition upon receipt: ☒ Iced ☐ Ambient ~~☒~~ °C 4.0°C

Relinquished by:	Received by:	Date:	Time:
[signature] 6-22-09			
Michael Eggleton/Ardaman 7.01.09 0800	[signature]	7/2/09	1450
[signature] for Jakim	[signature]	7-2-09	1600

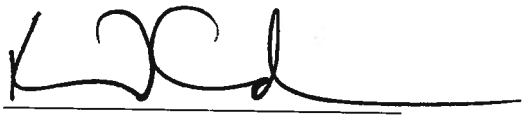
SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2512996	**Req:**	88517
Client:	Ardaman	**Project:**	Sarasota CCSWDC
Level:	3	**Date Rec'd:**	7/2/2009 4:00:00 PM
Rec'd via:	courier	**Due Date:**	07/10/09

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0 C	**All Samples Rec'd Intact?**	Yes
pH Verified?	Yes	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	Yes	**Samples Rec'd W/I Hold Time?**	No
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	No
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	courier	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

PEER REVIEW 

Location _____ Date 7.1.09

Project / Client Sarasota CCSWDC / 09-8647

Collected grab groundwater sample from MW-18.

- Sample to be analyzed for same parameters as detailed on 6.30.09 field log.

See Field Calibration Worksheet and Groundwater Sampling Log for details.

Note: An attempt to purge MW-17 was unsuccessful. The peristaltic pump we use was unable to maintain head pressure to required depth.

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

FIELD CALIBRATION WORKSHEET

DEP-SOP-001/01, FT 1000 General Field Testing and Measurement

Project ID: Sarasota CCSWDC / 09-8647

Date: 7.01.09

Sample Location(s): MW-1B

Technician: Michael Eggleston

Operational Notes:

1) Local Barometric Pressure is required for proper DO meter calibration. Obtain reading prior to mobilizing to field. **Barometric Pressure*** 1011 mBar

2) **DO Calibration**: Insert dry probe into calibration bottle after excess water has been removed. Sponge should be moist only. After initially powering on DO meter, allow 10 to 15 minutes for readings to stabilize. Press **CAL**. Adjust barometric pressure and press enter key once. Once reading stabilizes press enter key again. If applicable adjust salinity value, otherwise just press enter key to complete calibration.

3) **pH Calibration:** Place probe in 7.00 buffer, press and hold **STAND** until "SLOPE" flashes. Rinse probe with distilled water, then place in 2nd buffer and press **SLOPE** to complete calibration.

4) **Conductivity Calibration**: Press **CAL** to enter calibration mode. Fully immerse probe in standard and shake lightly to remove air bubbles. Press **MODE** until "Conductivity" displays. Adjust reading to standard value. Press enter key to complete calibration.

Table FT 1500-1 100% Saturation vs Temperature

Temp. °C	DO
12.0	10.777
13.0	10.537
14.0	10.306
15.0	10.084
16.0	9.870
17.0	9.665
18.0	9.467
19.0	9.276
20.0	9.092
21.0	8.915
22.0	8.743
23.0	8.578
24.0	8.418
25.0	8.263
26.0	8.113
27.0	7.968
28.0	7.827
29.0	7.691
30.0	7.559
31.0	7.430
32.0	7.305
33.0	7.183

Instrument Calibration

Parameter	Readings / Time: Initial Prior to Calibration	Directly After Calibration	Calibration Check	Final After Sampling	Calibration Check****	Units	Table FT 1000-1 Acceptance Criteria
pH (7)**	6.96 @09:43	6.99 @09:44	PASS ☑ FAIL ☐	7.14 @19:22	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
pH (4)**	4.19 @09:46	4.01 @09:46	PASS ☑ FAIL ☐	4.15 @19:23	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
ph (10)**	@	@	PASS ☐ FAIL ☐	@	PASS ☐ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
Conductivity*** (1413)	1454 @09:42	1413 @09:43	PASS ☑ FAIL ☐	1433 @19:20	PASS ☑ FAIL ☐	µS/cm	± 5% of Standard Value
Dissolved Oxygen - 100% Saturation in Air	8.02 30.3 @09:52	7.50 30.3 @09:53	PASS ☑ FAIL ☐	8.08 26.2 @19:27	PASS ☑ FAIL ☐	mg/L °C	± 0.3 mg/L of Theoretical Value
Turbidity (0.0)	0.2 @09:49	0.0 @09:49	PASS ☑ FAIL ☐	-0.1 @19:25	PASS ☑ FAIL ☐	NTU	± 10% of Standard Value
Turbidity (40.0)	35.0 @09:50	39.5 @09:51	PASS ☑ FAIL ☐	39.8 @19:26	PASS ☑ FAIL ☐	NTU	± 8% of Standard Value

* Source: http://www.wunderground.com/US/FL/ (To convert Inches of Hg to mBar, multiply by 33.864)

** pH meter uses a 2-point calibration. Use the 7.00 buffer for the first point and then select the second point to bracket the sample.

*** **Temperature Compensated Conductivity** - Measurement of conductivity, compensated to 25°C. "°C" flashes during measurement.

**** If calibration check fails, report readings as estimated noted with a "J" data qualifier on the Groundwater Sampling Log.

Standard and Reagent Documentation

Description	Manufacturer	Catalog #	Lot #	Color	Expiration
pH Buffer 4.00	Geotech Environmental Equipment, Inc.	GTBU5004-P	8AI314	Pink	Sep/10
pH Buffer 7.00	Geotech Environmental Equipment, Inc.	GTBU5007-P	8AJ222	Yellow	Oct/10
pH Buffer 10.00	Geotech Environmental Equipment, Inc.	GTBU5010-P	8AI073	Blue	Sep/10
Conductivity Standard 1413 µS/cm	Geotech Environmental Equipment, Inc.	GTCS1413-P	8AJ095	Colorless	Oct/09
Turbidity Standard 0.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Black	Aug/07
Turbidity Standard 40.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Pale White	Aug/07

Field Instrument Documentation

Description	Manufacturer / Model #	Serial #
Portable pH/Temp. Meter	YSI EcoSense pH100	JC03145
Portable Conductivity/Temp. Meter	YSI EcoSense EC300	JC00834
Portable DO/Temp. Meter	YSI EcoSense DO200	JC05681
Portable Turbidimeter	Orbeco-Hellige 966	1415

Comments:

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-18	SAMPLE ID: MW-18	DATE: 7.1.09

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 15.1 feet to 25.1 feet	STATIC DEPTH TO WATER (feet): 22.47	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25.74 feet – 22.47 feet) X 0.16 gallons/foot = 0.52 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): 24.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.0	PURGING INITIATED AT: 10:13	PURGING ENDED AT: 10:40	TOTAL VOLUME PURGED (gallons): 1.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:20	0.5	0.5	0.07	22.95	6.18	26.5	522	0.56	4.5	V. Faint yellow	None
10:30	0.5	1.0	0.05	23.02	6.25	26.4	528	0.56	2.2	Same	Same
10:40	0.5	1.5	0.05	23.04	6.31	26.3	529	0.73	1.8	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"** = 0.0006; **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: 10:45	SAMPLING ENDED AT: 11:32
PUMP OR TUBING DEPTH IN WELL (feet): 24.0	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-18	4	AG	1L	4°C	N/A		8141/8151/8270/8081	APP	190
	1	PE	250mL	HNO_3 + 4°C	Premeasured		6010*/7470	APP	190
	1	PE	500mL	4°C	N/A		SM 2320	APP	190
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM 2540 9012/300.1	APP	190
	3	CG	40mL	4°C	N/A		8011	SM	N/A
	3	CG	40mL	HCl + 4°C	Premeasured		8260	SM	N/A

REMARKS: * Title 40 CFR 258, App II metals plus Ca, Fe, Mg, K, Na
Preservatives: SM4500/SM2540 - H_2SO_4 + 4°C, 9012 - NaOH + 4°C, 300.1 - 4°C

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

16

Location _____ Date 7.2.09

Project / Client Sarasota CCSWDC / 09-8647

Collected grab groundwater samples from MW-15 and MW-16.

- Samples to be analyzed for same parameters as detailed on 6.30.09 field log.

See Field Calibration Worksheet and Groundwater Sampling Logs for details.

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

FIELD CALIBRATION WORKSHEET

DEP-SOP-001/01, FT 1000 General Field Testing and Measurement

Project ID: Sarasota CCSWDC / 09-8647 Date: 7.2.09

Sample Location(s): MW-15, MW-16 Technician: Michael Eggleston

Operational Notes:

1) Local Barometric Pressure is required for proper DO meter calibration. Obtain reading prior to mobilizing to field. **Barometric Pressure*** 1015 mBar

2) **DO Calibration**: Insert dry probe into calibration bottle after excess water has been removed. Sponge should be moist only. After initially powering on DO meter, allow 10 to 15 minutes for readings to stabilize. Press **CAL**. Adjust barometric pressure and press enter key once. Once reading stabilizes press enter key again. If applicable adjust salinity value, otherwise just press enter key to complete calibration.

3) **pH Calibration:** Place probe in 7.00 buffer, press and hold **STAND** until "SLOPE" flashes. Rinse probe with distilled water, then place in 2nd buffer and press **SLOPE** to complete calibration.

4) **Conductivity Calibration:** Press **CAL** to enter calibration mode. Fully immerse probe in standard and shake lightly to remove air bubbles. Press **MODE** until "Conductivity" displays. Adjust reading to standard value. Press enter key to complete calibration.

Table FT 1500-1 100% Saturation vs Temperature

Temp. °C	DO
12.0	10.777
13.0	10.537
14.0	10.306
15.0	10.084
16.0	9.870
17.0	9.665
18.0	9.467
19.0	9.276
20.0	9.092
21.0	8.915
22.0	8.743
23.0	8.578
24.0	8.418
25.0	8.263
26.0	8.113
27.0	7.968
28.0	7.827
29.0	7.691
30.0	7.559
31.0	7.430
32.0	7.305
33.0	7.183

Instrument Calibration

Parameter	Readings / Time: Initial Prior to Calibration	Directly After Calibration	Calibration Check	Final After Sampling	Calibration Check****	Units	Table FT 1000-1 Acceptance Criteria
pH (7)**	7.01 @08:25	7.00 @08:25	PASS ☑ FAIL ☐	6.94 @14:58	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
pH (4)**	4.19 @08:27	4.00 @08:27	PASS ☑ FAIL ☐	4.01 @14:59	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
ph (10)**	@	@	PASS ☐ FAIL ☐	@	PASS ☐ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
Conductivity*** (1413)	1426 @08:29	1415 @08:31	PASS ☑ FAIL ☐	1438 @14:47	PASS ☑ FAIL ☐	µS/cm	± 5% of Standard Value
Dissolved Oxygen - 100% Saturation in Air	7.89 28.7 @08:32	7.73 28.6 @08:33	PASS ☑ FAIL ☐	7.42 29.1 @14:55	PASS ☑ FAIL ☐	mg/L °C	± 0.3 mg/L of Theoretical Value
Turbidity (0.0)	0.0 @08:33	0.0 @08:34	PASS ☑ FAIL ☐	0.2 @14:46	PASS ☐ FAIL ☑	NTU	± 10% of Standard Value
Turbidity (40.0)	36.4 @08:35	39.0 @08:35	PASS ☑ FAIL ☐	49.8 @14:47	PASS ☐ FAIL ☑	NTU	± 8% of Standard Value

* Source: http://www.wunderground.com/US/FL/ (To convert Inches of Hg to mBar, multiply by 33.864)

** pH meter uses a 2-point calibration. Use the 7.00 buffer for the first point and then select the second point to bracket the sample.

*** **Temperature Compensated Conductivity** - Measurement of conductivity, compensated to 25°C. "°C" flashes during measurement.

**** If calibration check fails, report readings as estimated noted with a "J" data qualifier on the Groundwater Sampling Log.

Standard and Reagent Documentation

Description	Manufacturer	Catalog #	Lot #	Color	Expiration
pH Buffer 4.00	Geotech Environmental Equipment, Inc.	GTBU5004-P	8AI314	Pink	Sep/10
pH Buffer 7.00	Geotech Environmental Equipment, Inc.	GTBU5007-P	8AJ222	Yellow	Oct/10
pH Buffer 10.00	Geotech Environmental Equipment, Inc.	GTBU5010-P	8AI073	Blue	Sep/10
Conductivity Standard 1413 µS/cm	Geotech Environmental Equipment, Inc.	GTCS1413-P	8AJ095	Colorless	Oct/09
Turbidity Standard 0.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Black	Aug/07
Turbidity Standard 40.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Pale White	Aug/07

Field Instrument Documentation

Description	Manufacturer / Model #	Serial #
Portable pH/Temp. Meter	YSI EcoSense pH100	JC03145
Portable Conductivity/Temp. Meter	YSI EcoSense EC300	JC00834
Portable DO/Temp. Meter	YSI EcoSense DO200	JC05681
Portable Turbidimeter	Orbeco-Hellige 966	1415

Comments:

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-15	SAMPLE ID: MW-15
DATE: 7.2.09	

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 20.0 feet to 30.0 feet	STATIC DEPTH TO WATER (feet): 26.54	PURGE PUMP TYPE OR BAILER: MasterFlex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30.55 feet – 26.54 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): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 8:18	PURGING ENDED AT: 9:27	TOTAL VOLUME PURGED (gallons): 1.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
8:45	0.7	0.7	0.03	26.29	6.43	25.9	3078	0.54	9.8 J	Faint Yellow	SL organic
9:06	0.3	1.0	0.02	26.32	6.44	26.6	3139	0.66	11 J	Same	Same
9:18	0.25	1.25	0.02	26.37	6.42	26.6	3152	0.78	6.3 J	Same	Same
9:27	0.25	1.5	0.02	26.38	6.45	26.4	3149	1.06	5.2 J	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"** = 0.0006; **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: 9:31	SAMPLING ENDED AT: 10:44
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-15	4	AG	1L	4°C	N/A		8141/8151/8270/8081	APP	80
	1	PE	250mL	HNO_3 + 4°C	Premeasured		6010A/7470	APP	80
	1	PE	500mL	4°C	N/A		SM 2320	APP	80
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM 2540 9012/300.1	APP	80
	3	CG	40mL	4°C	N/A		8011	SM	N/A
	3	CG	40mL	HCl + 4°C	Premeasured		8260	SM	N/A

REMARKS: * Title 40 CFR 258, App II metals plus Ca, Fe, Mg, K, Na
Preservatives: SM4500/SM2540 – H_2SO_4 + 4°C, 9012 – NaOH + 4°C, 300.1 – 4°C
Turbidity values estimated.

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

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

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

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

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

Revision Date: February 12, 2009

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-16	SAMPLE ID: MW-16
DATE: 7.2.09	

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet): 26.78	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30.30 feet – 26.78 feet) X 0.16 gallons/foot = 0.56 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: 11:26	PURGING ENDED AT: 12:11	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:49	0.75	0.75	0.03	27.12	6.53	27.0	3149	0.59	3.9 J	Faint yellow	Sl organic
11:56	0.25	1.00	0.05	27.15	6.54	26.7	3124	0.98	6.3 J	Same	Same
12:04	0.35	1.35	0.04	27.20	6.53	26.5	3127	0.57	12.8 J	Same	Same
12:11	0.35	1.70	0.05	27.23	6.54	26.2	3125	1.00	4.9 J	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"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 12:16	SAMPLING ENDED AT: 13:12
PUMP OR TUBING DEPTH IN WELL (feet): 28.0	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-16	4	AG	1L	4°C	N/A		8141/8151/8270/8081	APP	190
	1	PE	250 mL	HNO_3 + 4°C	Premeasured		6010#/7470	APP	190
	1	PE	500 mL	4°C	N/A		SM 2320	APP	190
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM 2540 9012/300.1	APP	190
	3	CG	40mL	4°C	N/A		8011	SM	N/A
	3	CG	40mL	HCl + 4°C	Premeasured		8260	SM	N/A

REMARKS: * Title 40 CFR 258, App II metals plus Ca, Fe, Mg, K, Na Turbidity values estimated.
Preservatives: SM 4500/SM 2540 - H_2SO_4 + 4°C, 9012 - NaOH + 4°C, 300.1 - 4°C

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

PEL

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc. Inc.
78 Sarasota Center Blvd.
Sarasota, FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647
Site Name: Sarasota CCSWDC
Location: 4000 Knights Trail Rd. Venice, Sarasota Co. State: FL
Sampler(s): Michael Eggleston

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice Only 10= _____ 11= _____

List preservative code below: 9 A 9 3 5 9 9 2

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Water X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151 8270/8081	6010*/7470	SM 2320	SM2540/SM4500	9012	300.1	8011	8260
	MW-18	7.01.09	11:32	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP BLANK	—	—	—	X1	1											
	TRIP BLANK	—	—	—	X1	1											
	MW-15	7.02.09	10:44	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
	TRIP BLANK	—	—	—	X1	1											
	MW-16	7.02.09	13:12	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
	TRIP BLANK	—	—	—	X1	1											

* Title 40 CFR 258 App. II metals plus Ca, Fe, Mg, K, Na.

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards: _____

☐ E-mail to _____
EDD Format _____

Relinquished by:	Received by:	Date:	Time:
6-27-09			
Michael Eggleston/Ardaman 7.02.09 1430		7/2/09	1450

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C: _____

PEL a division of Spectrum Analytical, Inc.

featuring HANIBAL TECHNOLOGY

Florida Department of Health #E84207
June 30, 2009

CWA - Extractable Organics, General Chemistry,Metals,
Pesticides-herbicides-PCB's, Volatile Organics
RCRA/CERCLS - Extractable Organics, General Chemistry, Metals
Pesticides-Herbicides-PCB's, Volatile Organics

- CERTIFICATE OF ANALYSIS -

Report Date: 07/13/2009

To: Jerry Kuehn
Ardaman & Associates
78 Sarasota Center Boulevard
Sarasota, FL 34240
USA

W 941-922-3526
F 941-922-6743

PROJECT ID: Sarasota CCSWDC - 09-8647
WORK ORDER: 2512993
DATE RECEIVED: Thursday, July 02, 2009

Project Notes:

@@@@@@ Subcontracted to lab certification # 87600/E87936

(†): Short Hold Time Analysis Date

Samples reported on dry weight basis
All test results in this report pertain only to the samples as submitted.

PEL Contact: Mark Gudnason / extension: 242

8405 Benjamin Road, Suite A• Tampa, Florida 33634
813-888-9507• FAX: 800-480-6435
Website: www.pelab.com

PEL a division of Spectrum Analytical, Inc.
featuring Hanibal Technology

DATA QUALIFIER CODES

State of Florida, Department of Environmental Protection and
Department of Health Rehabilitative Services / NELAC

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

J Estimated value; value not accurate. This code shall be used in the following instances:

1. Surrogate recovery limits have been exceeded.
2. No known quality control criteria exits for the component.
3. The reported value did not meet the established quality control criteria for either precision or accuracy but falls within the NELAC marginal exceedance range.

3M. 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.

3R. The RPD for the LCSD exceeds the laboratory established control limits.

4. The sample matrix interfered with the ability to make an accurate determination.
5. The data is questionable because of improper laboratory or field protocols (e.g. composite sample was collected instead of a grab sample).

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

Q Sample held beyond acceptable 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 the sample preparation or analysis.

U Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).

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.

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

Note: There was not sufficient sample volume to perform a matrix spike/duplicate for the following method(s).
: 300.1, 8081, 8141, 8151, 8260, 8270
A Blank and Laboratory Control sample was analyzed to ensure the method performed within acceptable guidelines.

RL - Reporing Limit. The PEL lowest Practical Quanititation Limit (PQL), defined by the lowest point in the calibration curve.

Client: Ardaman & Associates

CASE NARRATIVE
Outside Laboratory Tests

PEL Lab Reference No./SDG: 2512993

Methods: SM4500-NH3-BC, 9012, SM2320B, 160.1,

I. HOLDING TIMES

A. Sample Preparation:
All holding times were met.

B. Sample Analysis:
All holding times were met.

II. ANALYSIS

A. Blanks:

All acceptance criteria were met with the exception of:
310.1:
Blank 9070552-BLK5 was analyzed with the water samples on 07/09/09. The following analyte(s) were detected below RL: alkalinity, total (as caco3) at 1.71 MG/L.

B. Surrogates:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
9012:
LCS 9070474-BS2 was analyzed with the water samples on 07/09/09. All criteria were met.
Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

D. Samples:

Sample analysis proceeded normally.
310.1:
Sample MW-16 required a 1:10 dilution due to high concentration of the following analyte(s): alkalinity, total (as caco3).
160.1:
Sample MW-15 required a 1:2 dilution due to high concentration of the following analyte(s): total dissolved solids (residue, filterable).
Sample MW-16 required a 1:2 dilution due to high concentration of the following analyte(s): total dissolved solids (residue, filterable).

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: There is no preparation step for this method.

B. Sample Analysis: All hold time criteria were met.

III. METHOD

Analyses were performed according to EPA method 300.1 and the PEL, a Division of Spectrum Analytical, Standard Operating Procedure.

IV. PREPARATION

There is no preparation step for this method.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB736214 was analyzed on 07/03/09 04:58. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

CCB736207 was analyzed on 07/03/09 09:30. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

ICB737214 was analyzed on 07/07/09 07:03. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L.

CCB737206 was analyzed on 07/07/09 11:35. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L, Sulfate at 0.43 MG/L.

CCB737207 was analyzed on 07/07/09 16:34. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L. Since the hits in the blanks are below the reporting limit, no further action was taken.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 070209MB2 was analyzed with the water samples on 07/03/09. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

Blank 070609MB2 was analyzed with the water samples on 07/07/09. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.
Samples coded accordingly. Since the hits in the blanks are below the reporting limit, no further action was taken.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

E. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

F. Samples:

Sample analysis proceeded normally.
Sample MW-15 required a 10X dilution due to high concentration of the following analyte(s): Chloride.

Sample MW-15 required a 50X dilution due to high concentration of the following analyte(s): Sulfate.

Sample MW-16 required a 20X dilution due to high concentration of the following analyte(s): Chloride.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** 07/08/2009

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

3. **Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):**

   No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. ICP Interference Check Samples:

All acceptance criteria were met.

G. Samples:

Sample analysis proceeded normally.

Sample MW-16 required a 2X dilution due to high concentration of the following analyte(s): Sodium.

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Linda Lee M. Gad

SIGNED: **DATE:** 07/09/2009

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

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Linda Lee M. Gale

SIGNED: **DATE:** 07/09/2009

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

SW846/EPA 8011.

IV. PREPARATION

Water samples were prepared by SW846/EPA 8011 for semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

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SIGNED:  **DATE:** **07/07/2009**

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8081.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8081 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

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SIGNED: **DATE:** **07/08/2009**

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8141.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8141 semi-volatiles analysis

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **07/08/2009**

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8151 chlorinated acid herbicides.

IV. PREPARATION

Water samples were prepared by EPA SW846 3510 for 8151 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 548LCSD was analyzed with the water samples extracted on 07/07/09. All criteria were met. The following analyte(s) exceeded RPD criteria: 2,4-DB at 28 % with criteria of (20), Dalapon at 22.2 % with criteria of (20).

Since all recoveries were within control limits no further action was taken.

Samples coded accordingly.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

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SIGNED: **DATE:** **07/09/2009**

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Water samples were prepared by SW846/5030 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample 070909LCSA32D was recovered above criteria for the following surrogate(s): Toluene d8 at 112 % with criteria of (88-110).

No further action was taken, since the three other surrogates met criteria. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met. Please note that LCS 070909LCSA32D was analyzed with the water samples on 07/09/09. All percent recovery criteria were met. The following analyte(s) exceeded RPD criteria: 1,4 Dioxane at 49.1 % with criteria of (20).

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

Analytes were detected in Trip Blank Trip Blank-1. The following analyte(s) were detected above RL: Methylene chloride at 6.9 UG/L.

Analytes were detected in Trip Blank Trip Blank-2. The following analyte(s) were detected above RL: Methylene chloride at 7.6 UG/L.

Analytes were detected in Trip Blank Trip Blank-3. The following analyte(s) were detected below RL: Acetone at 5.8 UG/L. The following analyte(s) were detected above RL: Methylene chloride at 7.4 UG/L.

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SIGNED: **DATE:** **07/10/2009**

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Please note that second source SSC734996 (AP9SEC.D) did not meet criteria for methapyriline and 3-methylcholanrthene with 202.2 %D and 109.6 %D, respectively. The most probable cause for these variances is a difference between the stock standards. Investigation is being conducted. Since these analytes were not detected in the samples, no further action was taken.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample MW-16 was recovered above criteria for the following surrogate(s):
Nitrobenzene-d5 at 270 % with criteria of (35-114).

The most probable cause for these variances is matrix interference. Since all other surrogates met all acceptance criteria, no further action was taken.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2512993

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LCS 558LCS was analyzed with the water samples extracted on 07/08/09. The following analyte(s) were recovered below criteria: a,a-Dimethylphenethylamine at 0 % with criteria of (10-100). and the following analyte(s) were recovered above criteria: Bis(2-Chloroethoxy)methane at 110 % with criteria of (61-105), N-Nitrosodiphenylamine at 112 % with criteria of (71-110). The following analyte(s) had marginal exceedance limit failures: 3-Methylcholanthrene at 194 % with criteria of (42.5-134.5), Methapyriline at 71.5 % with criteria of (2.5-62.5).

LCS 558LCSD was analyzed with the water samples extracted on 07/08/09. The following analyte(s) were recovered below criteria: a,a-Dimethylphenethylamine at 0 % with criteria of (10-100). and the following analyte(s) were recovered above criteria: 2,6-Dichlorophenol at 132 % with criteria of (51-128), 4-Bromophenyl-phenylether at 118 % with criteria of (54-113), Butylbenzylphthalate at 123 % with criteria of (64-115), Di-n-butylphthalate at 117 % with criteria of (65-115), Isophorone at 116 % with criteria of (68-110). The following analyte(s) exceeded RPD criteria: 4-Methylphenol at 11.1 % with criteria of (10). The following analyte(s) had marginal exceedance limit failures: 3-Methylcholanthrene at 204 % with criteria of (42.5-134.5), Bis(2-Chloroethoxy)methane at 113 % with criteria of (53.7-112.3), Methapyriline at 63.5 % with criteria of (2.5-62.5), N-Nitrosodiphenylamine at 122 % with criteria of (64.5-116.5).

Since all other analytes met all acceptance criteria, no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2512993

Client: Ardaman & Associates

contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** 07/10/2009

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301

Client ID : MW-18

Matrix : GW

Collection Information:

Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**292**	07/07/2009 18:04		MG/L	9.86	10	2
Chloride	300.1		**3.1**	(†) 07/03/2009 6:47		MG/L	0.13	1	1
Nitrate	300.1		0.013 U	(†) 07/03/2009 6:47		MG/L	0.013	0.1	1
Sulfate	300.1		**1.3**	(†) 07/03/2009 6:47		MG/L	0.062	1	1
DCA(SURR)	300.1		104	(†) 07/03/2009 6:47		%	0.062	(90 - 115)	1
alkalinity, total (as caco3)	310.1	@@@@@@	**259**	07/09/2009 13:24		MG/L	1.09	2	1
Aluminum	6010		**112**	07/08/2009 21:25	07/06/2009 22:52	UG/L	9.15	100	1
Antimony	6010		3.3 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	3.3	10	1
Arsenic	6010		7.85 I	07/08/2009 21:25	07/06/2009 22:52	UG/L	3.31	10	1
Barium	6010		**28.1**	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.22	10	1
Beryllium	6010		0.225 I	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.12	5	1
Cadmium	6010		0.72 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.72	5	1
Calcium	6010		**78700 V**	07/08/2009 21:25	07/06/2009 22:52	UG/L	39	100	1
Chromium	6010		1.75 I	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.43	10	1
Cobalt	6010		0.37 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.37	10	1
Copper	6010		2.7 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	2.7	10	1
Iron	6010		**20700**	07/08/2009 21:25	07/06/2009 22:52	UG/L	5.5	50	1
Lead	6010		3.7 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	3.7	15	1
Magnesium	6010		**11100**	07/08/2009 21:25	07/06/2009 22:52	UG/L	9.8	100	1
Manganese	6010		**15.8**	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.35	10	1
Nickel	6010		1.83 I	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.71	5	1
Potassium	6010		**750**	07/08/2009 21:25	07/06/2009 22:52	UG/L	71.7	500	1
Selenium	6010		3.5 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	3.5	20	1
Silver	6010		0.51 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.51	10	1
Sodium	6010		**3120**	07/08/2009 21:25	07/06/2009 22:52	UG/L	180	300	1
Thallium	6010		4.4 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	4.4	10	1
Tin	6010		3.9 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	3.9	15	1
Vanadium	6010		1.53 I	07/08/2009 21:25	07/06/2009 22:52	UG/L	0.44	10	1
Zinc	6010		4 U	07/08/2009 21:25	07/06/2009 22:52	UG/L	4	20	1
Mercury	7470		0.025 U	07/08/2009 8:17	07/07/2009 9:06	UG/L	0.025	0.2	1
1,2-Dibromoethane(EDB)	8011		0.00601 U	07/06/2009 19:43	07/05/2009 13:11	UG/L	0.0060	0.0197	1
1,1,2,2-Tetrachloroethane(SURR	8011		104	07/06/2009 19:43	07/05/2009 13:11	%	0.0060	(70 - 130)	1
4,4'-DDD	8081		0.0029 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0029	0.056	1
4,4'-DDE	8081		0.0042 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0042	0.056	1
4,4'-DDT	8081		0.0012 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0012	0.056	1
Aldrin	8081		0.00093 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0009	0.056	1
alpha-BHC	8081		0.0033 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0033	0.011	1
beta-BHC	8081		0.0013 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0013	0.056	1
Chlordane	8081		0.056 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.056	0.56	1
delta-BHC	8081		0.0033 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0033	0.056	1
Dieldrin	8081		0.003 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.003	0.056	1
Endosulfan I	8081		0.0048 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0048	0.056	1
Endosulfan II	8081		0.0018 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0018	0.056	1
Endosulfan sulfate	8081		0.0011 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0011	0.056	1
Endrin	8081		0.002 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.002	0.056	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301

Client ID : MW-18

Matrix : GW

Collection Information:

Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endrin aldehyde	8081	0.0017 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0017	0.056	1
Endrin ketone	8081	0.0067 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0067	0.056	1
gamma-BHC (Lindane)	8081	0.0027 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0027	0.056	1
Heptachlor	8081	0.0016 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0016	0.056	1
Heptachlor epoxide	8081	0.0016 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.0016	0.056	1
Methoxychlor	8081	0.002 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.002	0.056	1
Toxaphene	8081	0.2 U	07/08/2009 3:24	07/07/2009 14:27	UG/L	0.2	0.56	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	90.9	07/08/2009 3:24	07/07/2009 14:27	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	68.2	07/08/2009 3:24	07/07/2009 14:27	%	0.2	(34 - 133)	1
Dimethoate	8141	0.58 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.58	5.4	1
Disulfoton	8141	0.95 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.95	5.4	1
Famphur	8141	0.53 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.53	5.4	1
Methyl parathion	8141	0.58 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.58	5.4	1
Parathion	8141	0.52 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.52	5.4	1
Phorate	8141	1 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	1	5.4	1
Sulfotepp	8141	0.45 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.45	5.4	1
Thionazin	8141	0.54 U	07/08/2009 2:34	07/07/2009 14:05	UG/L	0.54	5.4	1
TPP-Triphenylphosphate(SURR)	8141	91.1	07/08/2009 2:34	07/07/2009 14:05	%	0.54	(60 - 130)	1
2,4,5-T	8151	0.12 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.12	0.55	1
2,4,5-TP (Silvex)	8151	0.042 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.042	0.55	1
2,4'-D	8151	0.16 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.16	0.55	1
2,4-DB	8151	0.33 J3RU	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.33	0.33	1
Dalapon	8151	0.41 J3RU	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.41	0.69	1
Dicamba	8151	0.037 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.037	0.55	1
Dichloroprop	8151	0.2 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.2	0.55	1
Dinoseb	8151	0.062 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	0.062	0.55	1
MCPA	8151	20 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	20	55	1
MCPP	8151	10 U	07/08/2009 15:18	07/07/2009 14:37	UG/L	10	55	1
DCAA(SURR)	8151	77.8	07/08/2009 15:18	07/07/2009 14:37	%	10	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 9:59		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 9:59		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 9:59		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 9:59		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 9:59		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 9:59		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 9:59		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 9:59		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 9:59		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 9:59		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 9:59		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 9:59		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 9:59		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 9:59		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 9:59		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 9:59		UG/L	0.61	5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301

Client ID : MW-18

Matrix : GW

Collection Information:

Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acetone	8260	5.6 U	07/09/2009 9:59		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 9:59		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 9:59		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 9:59		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 9:59		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 9:59		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 9:59		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 9:59		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 9:59		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 9:59		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 9:59		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 9:59		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 9:59		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 9:59		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 9:59		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 9:59		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 9:59		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 9:59		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 9:59		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 9:59		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 9:59		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 9:59		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 9:59		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 9:59		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 9:59		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 9:59		UG/L	0.74	5	1
Methylene chloride	8260	0.52 U	07/09/2009 9:59		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 9:59		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 9:59		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/09/2009 9:59		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 9:59		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 9:59		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 9:59		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 9:59		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 9:59		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 9:59		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 9:59		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 9:59		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	101	07/09/2009 9:59		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	102	07/09/2009 9:59		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	108	07/09/2009 9:59		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	108	07/09/2009 9:59		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
1,2,4,5-Tetrachlorobenzene	8270	2.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
1,2,4-Trichlorobenzene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301
Client ID : MW-18
Matrix : GW

Collection Information:
Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2-Dichlorobenzene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
1,3,5-Trinitrobenzene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	22.2	1
1,3-Dichlorobenzene	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
1,3-Dinitrobenzene	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	22.2	1
1,4-Dichlorobenzene	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
1,4-Naphthoquinone	8270	3.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.4	4.4	1
1-Naphthylamine	8270	2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2	11.1	1
2,2-Oxybis(1-chloropropane)	8270	3.7 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.7	4.4	1
2,3,4,6-Tetrachlorophenol	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
2,4,5-Trichlorophenol	8270	3.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.8	4.4	1
2,4,6-Trichlorophenol	8270	4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	4	4.4	1
2,4-Dichlorophenol	8270	3.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.4	4.4	1
2,4-Dimethylphenol	8270	2.6 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.6	4.4	1
2,4-Dinitrophenol	8270	6.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	6.2	22.2	1
2,4-Dinitrotoluene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
2,6-Dichlorophenol	8270	3.9 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.9	4.4	1
2,6-Dinitrotoluene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
2-Acetylaminofluorene	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
2-Chloronaphthalene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
2-Chlorophenol	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
2-Methyl-4,6-dinitrophenol	8270	3.7 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.7	22.2	1
2-Methylnaphthalene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
2-Methylphenol (o-Cresol)	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
2-Naphthylamine	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
2-Nitroaniline	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
2-Nitrophenol	8270	3.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.8	4.4	1
2-Picoline	8270	2.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.1	22.2	1
3,3'-Dichlorobenzidine	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
3,3'-Dimethylbenzidine	8270	6.7 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	6.7	22.2	1
3-Methylcholanthrene	8270	2.4 J3MU	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
3-Nitroaniline	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
4-Aminobiphenyl	8270	2.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
4-Bromophenyl-phenylether	8270	2.6 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.6	4.4	1
4-Chloro-3-methylphenol	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
4-Chloroaniline	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
4-Chlorophenyl-phenylether	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
4-Methylphenol	8270	6.8 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	6.8	11.1	1
4-Nitroaniline	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
4-Nitrophenol	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	11.1	1
4-Nitroquinoline-1-oxide	8270	4.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	4.1	22.2	1
5-Nitro-o-toluidine	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
7,12-Dimethylbenz(a)anthracene	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
a,a-Dimethylphenethylamine	8270	17.8 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	17.8	17.8	1
Acenaphthene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Acenaphthylene	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301
Client ID : MW-18
Matrix : GW

Collection Information:
Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acetophenone	8270	4.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	4.4	4.4	1
Aniline	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Anthracene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Aramite	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
Benzo(a)anthracene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Benzo(a)pyrene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Benzo(b)fluoranthene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Benzo(g,h,i)perylene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Benzo(k)fluoranthene	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
Benzyl alcohol	8270	3.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.4	11.1	1
Bis(2-Chloroethoxy)methane	8270	3.9 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.9	4.4	1
Bis(2-Chloroethyl)ether	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
bis(2-ethylhexyl)phthalate	8270	11.3	07/09/2009 21:12	07/08/2009 13:36	UG/L	4.9	5.6	1
Butylbenzylphthalate	8270	3.3 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
Chlorobenzilate	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
Chrysene	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
Diallate (Avadex)	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Dibenz(a,h)anthracene	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
Dibenzofuran	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
Diethylphthalate	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Dimethyl-phthalate	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
Di-n-butylphthalate	8270	3.2 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
Di-n-octylphthalate	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Ethyl methanesulfonate	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
Fluoranthene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Fluorene	8270	3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
Hexachlorobenzene	8270	0.46 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	0.46	4.4	1
Hexachlorobutadiene	8270	2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
Hexachlorocyclopentadiene	8270	2.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
Hexachloroethane	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Hexachloropropene	8270	2.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.2	4.4	1
Indeno(1,2,3-cd)pyrene	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Isodrin	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Isophorone	8270	4.2 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	4.2	4.4	1
Isosafrole	8270	2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	4.4	1
Kepone	8270	17.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	17.8	22.2	1
Methapyriline	8270	4.1 J3MU	07/09/2009 21:12	07/08/2009 13:36	UG/L	4.1	4.4	1
Methylmethanesulfonate	8270	2.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.1	22.2	1
Naphthalene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Nitrobenzene	8270	3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
N-Nitrosodibutylamine	8270	3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
N-Nitrosodiethylamine	8270	3.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.4	4.4	1
N-Nitrosodimethylamine	8270	2.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
N-Nitroso-di-n-propylamine	8270	3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
N-Nitrosodiphenylamine	8270	3.8 J3U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.8	4.4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299301
Client ID : MW-18
Matrix : GW

Collection Information:
Sample Date: 7/1/2009 11:32:00 AM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitrosomethylethylamine	8270		3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
N-Nitrosomorpholine	8270		3.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.3	4.4	1
N-Nitrosopiperidine	8270		3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
N-Nitrosopyrrolidine	8270		3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
o-Toluidine	8270		3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
p-Dimethylaminoazobenzene	8270		2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	4.4	1
Pentachlorobenzene	8270		2.4 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.4	4.4	1
Pentachloroethane	8270		2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	22.2	1
Pentachloronitrobenzene(PCNB)	8270		2.7 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.7	4.4	1
Pentachlorophenol	8270		2.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.9	22.2	1
Phenacetin	8270		3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	4.4	1
Phenanthrene	8270		3.1 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.1	4.4	1
Phenol	8270		1.9 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	1.9	22.2	1
p-Phenylenediamine	8270		3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3	22.2	1
Pronamide	8270		2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2	4.4	1
Pyrene	8270		3.2 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	3.2	4.4	1
Pyridine	8270		2.3 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.3	4.4	1
Safrole	8270		2.8 U	07/09/2009 21:12	07/08/2009 13:36	UG/L	2.8	11.1	1
2,4,6-Tribromophenol(SURR)	8270		89.6	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270		78.5	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(43 - 116)	1
2-Fluorophenol(SURR)	8270		65.8	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270		93.7	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(35 - 114)	1
Phenol-d5(SURR)	8270		44.1	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270		71.4	07/09/2009 21:12	07/08/2009 13:36	%	2.8	(33 - 141)	1
cyanide	9012	@@@@@@	0.01 ND	07/09/2009 13:33	07/08/2009 14:25	MG/L	0.0077	0.01	1
nitrogen, ammonia (as n)	SM4500-NH3-B,C	@@@@@@	**1.61**	07/08/2009 15:57		MG/L	0.165	0.2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299302

Client ID : Trip Blank-1

Matrix : WQ

Collection Information:

Sample Date: 7/1/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 10:23		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 10:23		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 10:23		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 10:23		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 10:23		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 10:23		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 10:23		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 10:23		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 10:23		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 10:23		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 10:23		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 10:23		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 10:23		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 10:23		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 10:23		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 10:23		UG/L	0.61	5	1
Acetone	8260	5.6 U	07/09/2009 10:23		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 10:23		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 10:23		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 10:23		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 10:23		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 10:23		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 10:23		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 10:23		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 10:23		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 10:23		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 10:23		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 10:23		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 10:23		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 10:23		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 10:23		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 10:23		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 10:23		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 10:23		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 10:23		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 10:23		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 10:23		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 10:23		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 10:23		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 10:23		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 10:23		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 10:23		UG/L	0.74	5	1
Methylene chloride	8260	**6.9**	07/09/2009 10:23		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 10:23		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 10:23		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299302
Client ID : Trip Blank-1
Matrix : WQ

Collection Information:
Sample Date: 7/1/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/09/2009 10:23		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 10:23		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 10:23		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 10:23		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 10:23		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 10:23		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 10:23		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 10:23		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 10:23		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	102	07/09/2009 10:23		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	103	07/09/2009 10:23		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	106	07/09/2009 10:23		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	106	07/09/2009 10:23		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303

Client ID : MW-15

Matrix : GW

Collection Information:

Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**3000**	07/07/2009 18:04		MG/L	9.86	10	2
Nitrate	300.1		0.079 I	(†) 07/03/2009 7:14		MG/L	0.013	0.1	1
DCA(SURR)	300.1		102	(†) 07/03/2009 7:14		%	0.013	(90 - 115)	1
Chloride	300.1		**122**	(†) 07/07/2009 12:56		MG/L	1.3	10	10
DCA(SURR)	300.1		104.8	(†) 07/07/2009 12:56		%	1.3	(90 - 115)	10
Sulfate	300.1		**1010**	(†) 07/07/2009 13:23		MG/L	3.1	50	50
DCA(SURR)	300.1		100.4	(†) 07/07/2009 13:23		%	3.1	(90 - 115)	50
alkalinity, total (as caco3)	310.1	@@@@@@	**966**	07/09/2009 13:36		MG/L	1.09	2	1
Aluminum	6010		**139**	07/08/2009 21:30	07/06/2009 22:52	UG/L	9.15	100	1
Antimony	6010		3.3 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	3.3	10	1
Arsenic	6010		**28.7**	07/08/2009 21:30	07/06/2009 22:52	UG/L	3.31	10	1
Barium	6010		**182**	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.22	10	1
Beryllium	6010		0.307 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.12	5	1
Cadmium	6010		0.72 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.72	5	1
Calcium	6010		**569000 V**	07/08/2009 21:30	07/06/2009 22:52	UG/L	39	100	1
Chromium	6010		2.95 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.43	10	1
Cobalt	6010		2 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.37	10	1
Copper	6010		2.7 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	2.7	10	1
Iron	6010		**33600**	07/08/2009 21:30	07/06/2009 22:52	UG/L	5.5	50	1
Lead	6010		3.7 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	3.7	15	1
Magnesium	6010		**103000**	07/08/2009 21:30	07/06/2009 22:52	UG/L	9.8	100	1
Manganese	6010		**669**	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.35	10	1
Nickel	6010		2.57 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.71	5	1
Potassium	6010		**14300**	07/08/2009 21:30	07/06/2009 22:52	UG/L	71.7	500	1
Selenium	6010		3.5 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	3.5	20	1
Silver	6010		0.51 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.51	10	1
Sodium	6010		**58800**	07/08/2009 21:30	07/06/2009 22:52	UG/L	180	300	1
Thallium	6010		4.4 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	4.4	10	1
Tin	6010		8.81 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	3.9	15	1
Vanadium	6010		7.75 I	07/08/2009 21:30	07/06/2009 22:52	UG/L	0.44	10	1
Zinc	6010		4 U	07/08/2009 21:30	07/06/2009 22:52	UG/L	4	20	1
Mercury	7470		0.025 U	07/08/2009 8:19	07/07/2009 9:06	UG/L	0.025	0.2	1
1,2-Dibromoethane(EDB)	8011		0.00603 U	07/06/2009 20:16	07/05/2009 13:11	UG/L	0.0060	0.0198	1
1,1,2,2-Tetrachloroethane(SURR	8011		104	07/06/2009 20:16	07/05/2009 13:11	%	0.0060	(70 - 130)	1
4,4'-DDD	8081		0.0029 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0029	0.056	1
4,4'-DDE	8081		0.0043 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0043	0.056	1
4,4'-DDT	8081		0.0012 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0012	0.056	1
Aldrin	8081		0.00094 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0009	0.056	1
alpha-BHC	8081		0.0034 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0034	0.011	1
beta-BHC	8081		0.0013 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0013	0.056	1
Chlordane	8081		0.056 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.056	0.56	1
delta-BHC	8081		0.0034 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0034	0.056	1
Dieldrin	8081		0.003 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.003	0.056	1
Endosulfan I	8081		0.0048 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0048	0.056	1
Endosulfan II	8081		0.0018 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0018	0.056	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303

Client ID : MW-15

Matrix : GW

Collection Information:

Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endosulfan sulfate	8081	0.0011 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0011	0.056	1
Endrin	8081	0.002 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.002	0.056	1
Endrin aldehyde	8081	0.0017 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0017	0.056	1
Endrin ketone	8081	0.0067 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0067	0.056	1
gamma-BHC (Lindane)	8081	0.0027 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0027	0.056	1
Heptachlor	8081	0.0016 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0016	0.056	1
Heptachlor epoxide	8081	0.0016 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.0016	0.056	1
Methoxychlor	8081	0.002 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.002	0.056	1
Toxaphene	8081	0.2 U	07/08/2009 3:55	07/07/2009 14:27	UG/L	0.2	0.56	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	86.4	07/08/2009 3:55	07/07/2009 14:27	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	75.5	07/08/2009 3:55	07/07/2009 14:27	%	0.2	(34 - 133)	1
Dimethoate	8141	0.62 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.62	5.7	1
Disulfoton	8141	1 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	1	5.7	1
Famphur	8141	0.56 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.56	5.7	1
Methyl parathion	8141	0.62 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.62	5.7	1
Parathion	8141	0.55 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.55	5.7	1
Phorate	8141	1.1 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	1.1	5.7	1
Sulfotepp	8141	0.48 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.48	5.7	1
Thionazin	8141	0.57 U	07/08/2009 3:35	07/07/2009 14:05	UG/L	0.57	5.7	1
TPP-Triphenylphosphate(SURR)	8141	88.7	07/08/2009 3:35	07/07/2009 14:05	%	0.57	(60 - 130)	1
2,4,5-T	8151	0.12 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.12	0.56	1
2,4,5-TP (Silvex)	8151	0.042 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.042	0.56	1
2,4'-D	8151	0.17 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.17	0.56	1
2,4-DB	8151	0.33 J3RU	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.33	0.33	1
Dalapon	8151	0.41 J3RU	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.41	0.69	1
Dicamba	8151	0.038 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.038	0.56	1
Dichloroprop	8151	0.2 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.2	0.56	1
Dinoseb	8151	0.062 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	0.062	0.56	1
MCPA	8151	20 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	20	56	1
MCPP	8151	10 U	07/08/2009 15:54	07/07/2009 14:37	UG/L	10	56	1
DCAA(SURR)	8151	67.9	07/08/2009 15:54	07/07/2009 14:37	%	10	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 10:46		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 10:46		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 10:46		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 10:46		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 10:46		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 10:46		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 10:46		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 10:46		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 10:46		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 10:46		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 10:46		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 10:46		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 10:46		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 10:46		UG/L	4	4	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303
Client ID : MW-15
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
2-Hexanone	8260	0.95 U	07/09/2009 10:46		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 10:46		UG/L	0.61	5	1
Acetone	8260	5.6 U	07/09/2009 10:46		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 10:46		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 10:46		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 10:46		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 10:46		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 10:46		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 10:46		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 10:46		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 10:46		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 10:46		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 10:46		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 10:46		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 10:46		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 10:46		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 10:46		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 10:46		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 10:46		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 10:46		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 10:46		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 10:46		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 10:46		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 10:46		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 10:46		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 10:46		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 10:46		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 10:46		UG/L	0.74	5	1
Methylene chloride	8260	0.52 U	07/09/2009 10:46		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 10:46		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 10:46		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/09/2009 10:46		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 10:46		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 10:46		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 10:46		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 10:46		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 10:46		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 10:46		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 10:46		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 10:46		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	106	07/09/2009 10:46		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	101	07/09/2009 10:46		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	105	07/09/2009 10:46		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	106	07/09/2009 10:46		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303
Client ID : MW-15
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2,4,5-Tetrachlorobenzene	8270	2.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1
1,2,4-Trichlorobenzene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
1,2-Dichlorobenzene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
1,3,5-Trinitrobenzene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	22.5	1
1,3-Dichlorobenzene	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
1,3-Dinitrobenzene	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	22.5	1
1,4-Dichlorobenzene	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
1,4-Naphthoquinone	8270	3.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.5	4.5	1
1-Naphthylamine	8270	2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2	11.2	1
2,2-Oxybis(1-chloropropane)	8270	3.7 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.7	4.5	1
2,3,4,6-Tetrachlorophenol	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
2,4,5-Trichlorophenol	8270	3.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.8	4.5	1
2,4,6-Trichlorophenol	8270	4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	4	4.5	1
2,4-Dichlorophenol	8270	3.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.5	4.5	1
2,4-Dimethylphenol	8270	2.6 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.6	4.5	1
2,4-Dinitrophenol	8270	6.3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	6.3	22.5	1
2,4-Dinitrotoluene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
2,6-Dichlorophenol	8270	3.9 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.9	4.5	1
2,6-Dinitrotoluene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Acetylaminofluorene	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
2-Chloronaphthalene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Chlorophenol	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
2-Methyl-4,6-dinitrophenol	8270	3.7 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.7	22.5	1
2-Methylnaphthalene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Methylphenol (o-Cresol)	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
2-Naphthylamine	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
2-Nitroaniline	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
2-Nitrophenol	8270	3.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.8	4.5	1
2-Picoline	8270	2.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.1	22.5	1
3,3'-Dichlorobenzidine	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
3,3'-Dimethylbenzidine	8270	6.7 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	6.7	22.5	1
3-Methylcholanthrene	8270	2.5 J3MU	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1
3-Nitroaniline	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
4-Aminobiphenyl	8270	2.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1
4-Bromophenyl-phenylether	8270	2.6 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.6	4.5	1
4-Chloro-3-methylphenol	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
4-Chloroaniline	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
4-Chlorophenyl-phenylether	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
4-Methylphenol	8270	6.8 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	6.8	11.2	1
4-Nitroaniline	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
4-Nitrophenol	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	11.2	1
4-Nitroquinoline-1-oxide	8270	4.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	4.2	22.5	1
5-Nitro-o-toluidine	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
7,12-Dimethylbenz(a)anthracene	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
a,a-Dimethylphenethylamine	8270	18 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	18	18	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303

Client ID : MW-15

Matrix : GW

Collection Information:

Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acenaphthene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Acenaphthylene	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
Acetophenone	8270	4.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	4.5	4.5	1
Aniline	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Anthracene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Aramite	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
Benzo(a)anthracene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(a)pyrene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Benzo(b)fluoranthene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(g,h,i)perylene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(k)fluoranthene	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
Benzyl alcohol	8270	3.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.5	11.2	1
Bis(2-Chloroethoxy)methane	8270	3.9 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.9	4.5	1
Bis(2-Chloroethyl)ether	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
bis(2-ethylhexyl)phthalate	8270	11.9	07/09/2009 21:42	07/08/2009 13:36	UG/L	4.9	5.6	1
Butylbenzylphthalate	8270	3.4 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
Chlorobenzilate	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
Chrysene	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
Diallate (Avadex)	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Dibenz(a,h)anthracene	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
Dibenzofuran	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
Diethylphthalate	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Dimethyl-phthalate	8270	3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
Di-n-butylphthalate	8270	3.2 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
Di-n-octylphthalate	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Ethyl methanesulfonate	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
Fluoranthene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Fluorene	8270	3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
Hexachlorobenzene	8270	0.46 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	0.46	4.5	1
Hexachlorobutadiene	8270	2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
Hexachlorocyclopentadiene	8270	2.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1
Hexachloroethane	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Hexachloropropene	8270	2.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.2	4.5	1
Indeno(1,2,3-cd)pyrene	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Isodrin	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Isophorone	8270	4.3 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	4.3	4.5	1
Isosafrole	8270	2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	4.5	1
Kepone	8270	18 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	18	22.5	1
Methapyriline	8270	4.2 J3MU	07/09/2009 21:42	07/08/2009 13:36	UG/L	4.2	4.5	1
Methylmethanesulfonate	8270	2.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.1	22.5	1
Naphthalene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Nitrobenzene	8270	3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
N-Nitrosodibutylamine	8270	3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
N-Nitrosodiethylamine	8270	3.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.5	4.5	1
N-Nitrosodimethylamine	8270	2.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299303

Client ID : MW-15

Matrix : GW

Collection Information:

Sample Date: 7/2/2009 10:44:00 AM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitroso-di-n-propylamine	8270		3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
N-Nitrosodiphenylamine	8270		3.8 J3U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.8	4.5	1
N-Nitrosomethylethylamine	8270		3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
N-Nitrosomorpholine	8270		3.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.4	4.5	1
N-Nitrosopiperidine	8270		3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
N-Nitrosopyrrolidine	8270		3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
o-Toluidine	8270		3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
p-Dimethylaminoazobenzene	8270		2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	4.5	1
Pentachlorobenzene	8270		2.5 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.5	4.5	1
Pentachloroethane	8270		2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	22.5	1
Pentachloronitrobenzene(PCNB)	8270		2.7 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.7	4.5	1
Pentachlorophenol	8270		2.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.9	22.5	1
Phenacetin	8270		3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	4.5	1
Phenanthrene	8270		3.1 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.1	4.5	1
Phenol	8270		1.9 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	1.9	22.5	1
p-Phenylenediamine	8270		3 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3	22.5	1
Pronamide	8270		2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2	4.5	1
Pyrene	8270		3.2 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	3.2	4.5	1
Pyridine	8270		2.4 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.4	4.5	1
Safrole	8270		2.8 U	07/09/2009 21:42	07/08/2009 13:36	UG/L	2.8	11.2	1
2,4,6-Tribromophenol(SURR)	8270		93.3	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270		78.1	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(43 - 116)	1
2-Fluorophenol(SURR)	8270		66.7	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270		96.4	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(35 - 114)	1
Phenol-d5(SURR)	8270		44.9	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270		72.2	07/09/2009 21:42	07/08/2009 13:36	%	2.8	(33 - 141)	1
cyanide	9012	@@@@@@	0.01 ND	07/09/2009 13:34	07/08/2009 14:25	MG/L	0.0077	0.01	1
nitrogen, ammonia (as n)	SM4500-NH3-B,C	@@@@@@	**3.36**	07/08/2009 15:57		MG/L	0.165	0.2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299304
Client ID : Trip Blank-2
Matrix : WQ

Collection Information:
Sample Date: 7/2/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 11:10		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 11:10		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 11:10		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 11:10		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 11:10		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 11:10		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 11:10		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 11:10		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 11:10		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 11:10		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 11:10		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 11:10		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 11:10		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 11:10		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 11:10		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 11:10		UG/L	0.61	5	1
Acetone	8260	5.6 U	07/09/2009 11:10		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 11:10		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 11:10		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 11:10		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 11:10		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 11:10		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 11:10		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 11:10		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 11:10		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 11:10		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 11:10		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 11:10		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 11:10		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 11:10		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 11:10		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 11:10		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 11:10		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 11:10		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 11:10		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 11:10		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 11:10		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 11:10		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 11:10		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 11:10		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 11:10		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 11:10		UG/L	0.74	5	1
Methylene chloride	8260	**7.6**	07/09/2009 11:10		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 11:10		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 11:10		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299304

Client ID : Trip Blank-2

Matrix : WQ

Collection Information:

Sample Date: 7/2/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/09/2009 11:10		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 11:10		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 11:10		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 11:10		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 11:10		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 11:10		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 11:10		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 11:10		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 11:10		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	105	07/09/2009 11:10		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	104	07/09/2009 11:10		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	106	07/09/2009 11:10		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	109	07/09/2009 11:10		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305
Client ID : MW-16
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**1970**	07/07/2009 18:04		MG/L	9.86	10	2
Nitrate	300.1		0.013 U	(†) 07/03/2009 7:42		MG/L	0.013	0.1	1
Sulfate	300.1		**9.2**	(†) 07/03/2009 7:42		MG/L	0.062	1	1
DCA(SURR)	300.1		98	(†) 07/03/2009 7:42		%	0.062	(90 - 115)	1
Chloride	300.1		**308**	(†) 07/07/2009 13:51		MG/L	2.6	20	20
DCA(SURR)	300.1		103	(†) 07/07/2009 13:51		%	2.6	(90 - 115)	20
alkalinity, total (as caco3)	310.1	@@@@@@	**1370**	07/09/2009 15:43		MG/L	10.9	20	10
Aluminum	6010		**146**	07/08/2009 21:34	07/06/2009 22:52	UG/L	9.15	100	1
Antimony	6010		3.3 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	3.3	10	1
Arsenic	6010		**32.4**	07/08/2009 21:34	07/06/2009 22:52	UG/L	3.31	10	1
Barium	6010		**165**	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.22	10	1
Beryllium	6010		1.01 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.12	5	1
Cadmium	6010		0.72 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.72	5	1
Calcium	6010		**289000 V**	07/08/2009 21:34	07/06/2009 22:52	UG/L	39	100	1
Chromium	6010		3.21 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.43	10	1
Cobalt	6010		1.25 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.37	10	1
Copper	6010		2.7 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	2.7	10	1
Iron	6010		**73600**	07/08/2009 21:34	07/06/2009 22:52	UG/L	5.5	50	1
Lead	6010		3.7 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	3.7	15	1
Magnesium	6010		**105000**	07/08/2009 21:34	07/06/2009 22:52	UG/L	9.8	100	1
Manganese	6010		**80.2**	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.35	10	1
Nickel	6010		1.46 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.71	5	1
Potassium	6010		**5430**	07/08/2009 21:34	07/06/2009 22:52	UG/L	71.7	500	1
Selenium	6010		3.5 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	3.5	20	1
Silver	6010		0.51 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.51	10	1
Thallium	6010		4.4 U	07/08/2009 21:34	07/06/2009 22:52	UG/L	4.4	10	1
Tin	6010		6.06 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	3.9	15	1
Vanadium	6010		5.53 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	0.44	10	1
Zinc	6010		7.73 I	07/08/2009 21:34	07/06/2009 22:52	UG/L	4	20	1
Sodium	6010		**260000**	07/08/2009 21:38	07/06/2009 22:52	UG/L	360	600	2
Mercury	7470		0.025 U	07/08/2009 8:21	07/07/2009 9:06	UG/L	0.025	0.2	1
1,2-Dibromoethane(EDB)	8011		0.006 U	07/06/2009 20:49	07/05/2009 13:11	UG/L	0.006	0.0197	1
1,1,2,2-Tetrachloroethane(SURR	8011		83.3	07/06/2009 20:49	07/05/2009 13:11	%	0.006	(70 - 130)	1
4,4'-DDD	8081		0.003 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.003	0.057	1
4,4'-DDE	8081		0.0065 I	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0043	0.057	1
4,4'-DDT	8081		0.0012 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0012	0.057	1
Aldrin	8081		0.00095 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.001	0.057	1
alpha-BHC	8081		0.0034 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0034	0.011	1
beta-BHC	8081		0.0014 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0014	0.057	1
Chlordane	8081		0.057 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.057	0.57	1
delta-BHC	8081		0.0034 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0034	0.057	1
Dieldrin	8081		0.0031 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0031	0.057	1
Endosulfan I	8081		0.0049 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0049	0.057	1
Endosulfan II	8081		0.0018 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0018	0.057	1
Endosulfan sulfate	8081		0.0011 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0011	0.057	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305

Client ID : MW-16

Matrix : GW

Collection Information:

Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endrin	8081	0.002 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.002	0.057	1
Endrin aldehyde	8081	0.0017 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0017	0.057	1
Endrin ketone	8081	0.0068 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0068	0.057	1
gamma-BHC (Lindane)	8081	0.0027 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0027	0.057	1
Heptachlor	8081	0.0016 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0016	0.057	1
Heptachlor epoxide	8081	0.0016 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.0016	0.057	1
Methoxychlor	8081	0.002 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.002	0.057	1
Toxaphene	8081	0.2 U	07/08/2009 4:26	07/07/2009 14:27	UG/L	0.2	0.57	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	81.8	07/08/2009 4:26	07/07/2009 14:27	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	74.5	07/08/2009 4:26	07/07/2009 14:27	%	0.2	(34 - 133)	1
Dimethoate	8141	0.59 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.59	5.4	1
Disulfoton	8141	0.96 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.96	5.4	1
Famphur	8141	0.53 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.53	5.4	1
Methyl parathion	8141	0.59 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.59	5.4	1
Parathion	8141	0.52 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.52	5.4	1
Phorate	8141	1 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	1	5.4	1
Sulfotepp	8141	0.46 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.46	5.4	1
Thionazin	8141	0.54 U	07/08/2009 4:36	07/07/2009 14:05	UG/L	0.54	5.4	1
TPP-Triphenylphosphate(SURR)	8141	92.1	07/08/2009 4:36	07/07/2009 14:05	%	0.54	(60 - 130)	1
2,4,5-T	8151	0.12 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.12	0.56	1
2,4,5-TP (Silvex)	8151	0.043 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.043	0.56	1
2,4'-D	8151	0.17 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.17	0.56	1
2,4-DB	8151	0.34 J3RU	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.34	0.34	1
Dalapon	8151	0.42 J3RU	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.42	0.7	1
Dicamba	8151	0.038 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.038	0.56	1
Dichloroprop	8151	0.2 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.2	0.56	1
Dinoseb	8151	0.063 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	0.063	0.56	1
MCPA	8151	20 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	20	56	1
MCPP	8151	10 U	07/08/2009 16:31	07/07/2009 14:37	UG/L	10	56	1
DCAA(SURR)	8151	64.3	07/08/2009 16:31	07/07/2009 14:37	%	10	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 11:33		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 11:33		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 11:33		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 11:33		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 11:33		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 11:33		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 11:33		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 11:33		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 11:33		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 11:33		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 11:33		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 11:33		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 11:33		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 11:33		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 11:33		UG/L	0.95	5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305
Client ID : MW-16
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 11:33		UG/L	0.61	5	1
Acetone	8260	**12.1**	07/09/2009 11:33		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 11:33		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 11:33		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 11:33		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 11:33		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 11:33		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 11:33		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 11:33		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 11:33		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 11:33		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 11:33		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 11:33		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 11:33		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 11:33		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 11:33		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 11:33		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 11:33		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 11:33		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 11:33		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 11:33		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 11:33		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 11:33		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 11:33		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 11:33		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 11:33		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 11:33		UG/L	0.74	5	1
Methylene chloride	8260	0.52 U	07/09/2009 11:33		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 11:33		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 11:33		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/09/2009 11:33		UG/L	0.35	1	1
Toluene	8260	0.31 I	07/09/2009 11:33		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 11:33		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 11:33		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 11:33		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 11:33		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 11:33		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 11:33		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 11:33		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	104	07/09/2009 11:33		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	100	07/09/2009 11:33		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	107	07/09/2009 11:33		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	106	07/09/2009 11:33		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
1,2,4,5-Tetrachlorobenzene	8270	2.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305
Client ID : MW-16
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2,4-Trichlorobenzene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
1,2-Dichlorobenzene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
1,3,5-Trinitrobenzene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	22.5	1
1,3-Dichlorobenzene	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
1,3-Dinitrobenzene	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	22.5	1
1,4-Dichlorobenzene	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
1,4-Naphthoquinone	8270	3.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.5	4.5	1
1-Naphthylamine	8270	2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2	11.2	1
2,2-Oxybis(1-chloropropane)	8270	3.7 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.7	4.5	1
2,3,4,6-Tetrachlorophenol	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
2,4,5-Trichlorophenol	8270	3.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.8	4.5	1
2,4,6-Trichlorophenol	8270	4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	4	4.5	1
2,4-Dichlorophenol	8270	3.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.5	4.5	1
2,4-Dimethylphenol	8270	2.6 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.6	4.5	1
2,4-Dinitrophenol	8270	6.3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	6.3	22.5	1
2,4-Dinitrotoluene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
2,6-Dichlorophenol	8270	3.9 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.9	4.5	1
2,6-Dinitrotoluene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Acetylaminofluorene	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
2-Chloronaphthalene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Chlorophenol	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
2-Methyl-4,6-dinitrophenol	8270	3.7 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.7	22.5	1
2-Methylnaphthalene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
2-Methylphenol (o-Cresol)	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
2-Naphthylamine	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
2-Nitroaniline	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
2-Nitrophenol	8270	3.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.8	4.5	1
2-Picoline	8270	2.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.1	22.5	1
3,3'-Dichlorobenzidine	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
3,3'-Dimethylbenzidine	8270	6.7 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	6.7	22.5	1
3-Methylcholanthrene	8270	2.5 J3MU	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1
3-Nitroaniline	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
4-Aminobiphenyl	8270	2.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1
4-Bromophenyl-phenylether	8270	2.6 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.6	4.5	1
4-Chloro-3-methylphenol	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
4-Chloroaniline	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
4-Chlorophenyl-phenylether	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
4-Methylphenol	8270	6.8 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	6.8	11.2	1
4-Nitroaniline	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
4-Nitrophenol	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	11.2	1
4-Nitroquinoline-1-oxide	8270	4.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	4.2	22.5	1
5-Nitro-o-toluidine	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
7,12-Dimethylbenz(a)anthracene	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
a,a-Dimethylphenethylamine	8270	18 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	18	18	1
Acenaphthene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305
Client ID : MW-16
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acenaphthylene	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
Acetophenone	8270	4.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	4.5	4.5	1
Aniline	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Anthracene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Aramite	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
Benzo(a)anthracene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(a)pyrene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Benzo(b)fluoranthene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(g,h,i)perylene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Benzo(k)fluoranthene	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
Benzyl alcohol	8270	3.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.5	11.2	1
Bis(2-Chloroethoxy)methane	8270	3.9 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.9	4.5	1
Bis(2-Chloroethyl)ether	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
bis(2-ethylhexyl)phthalate	8270	**9.6**	07/09/2009 22:11	07/08/2009 13:36	UG/L	4.9	5.6	1
Butylbenzylphthalate	8270	3.4 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
Chlorobenzilate	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
Chrysene	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
Diallate (Avadex)	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Dibenz(a,h)anthracene	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
Dibenzofuran	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
Diethylphthalate	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Dimethyl-phthalate	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
Di-n-butylphthalate	8270	3.2 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
Di-n-octylphthalate	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Ethyl methanesulfonate	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
Fluoranthene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Fluorene	8270	3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
Hexachlorobenzene	8270	0.46 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	0.46	4.5	1
Hexachlorobutadiene	8270	2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
Hexachlorocyclopentadiene	8270	2.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1
Hexachloroethane	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Hexachloropropene	8270	2.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.2	4.5	1
Indeno(1,2,3-cd)pyrene	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Isodrin	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Isophorone	8270	4.3 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	4.3	4.5	1
Isosafrole	8270	2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	4.5	1
Kepone	8270	18 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	18	22.5	1
Methapyriline	8270	4.2 J3MU	07/09/2009 22:11	07/08/2009 13:36	UG/L	4.2	4.5	1
Methylmethanesulfonate	8270	2.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.1	22.5	1
Naphthalene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Nitrobenzene	8270	3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
N-Nitrosodibutylamine	8270	3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
N-Nitrosodiethylamine	8270	3.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.5	4.5	1
N-Nitrosodimethylamine	8270	2.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1
N-Nitroso-di-n-propylamine	8270	3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299305
Client ID : MW-16
Matrix : GW

Collection Information:
Sample Date: 7/2/2009 1:12:00 PM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitrosodiphenylamine	8270		3.8 J3U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.8	4.5	1
N-Nitrosomethylethylamine	8270		3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
N-Nitrosomorpholine	8270		3.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.4	4.5	1
N-Nitrosopiperidine	8270		3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
N-Nitrosopyrrolidine	8270		3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
o-Toluidine	8270		3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
p-Dimethylaminoazobenzene	8270		2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	4.5	1
Pentachlorobenzene	8270		2.5 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.5	4.5	1
Pentachloroethane	8270		2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	22.5	1
Pentachloronitrobenzene(PCNB)	8270		2.7 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.7	4.5	1
Pentachlorophenol	8270		2.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.9	22.5	1
Phenacetin	8270		3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	4.5	1
Phenanthrene	8270		3.1 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.1	4.5	1
Phenol	8270		1.9 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	1.9	22.5	1
p-Phenylenediamine	8270		3 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3	22.5	1
Pronamide	8270		2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2	4.5	1
Pyrene	8270		3.2 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	3.2	4.5	1
Pyridine	8270		2.4 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.4	4.5	1
Safrole	8270		2.8 U	07/09/2009 22:11	07/08/2009 13:36	UG/L	2.8	11.2	1
2,4,6-Tribromophenol(SURR)	8270		94.2	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270		80.3	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(43 - 116)	1
2-Fluorophenol(SURR)	8270		68.9	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270		270 J3 L	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(35 - 114)	1
Phenol-d5(SURR)	8270		45.8	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270		73.6	07/09/2009 22:11	07/08/2009 13:36	%	2.8	(33 - 141)	1
cyanide	9012	@@@@@@	0.01 ND	07/09/2009 13:35	07/08/2009 14:25	MG/L	0.0077	0.01	1
nitrogen, ammonia (as n)	3M4500-NH3-B,C	@@@@@@	**12.2**	07/08/2009 15:57		MG/L	0.165	0.2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299306
Client ID : Trip Blank-3
Matrix : WQ

Collection Information:
Sample Date: 7/2/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 11:56		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 11:56		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 11:56		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 11:56		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 11:56		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 11:56		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 11:56		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 11:56		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 11:56		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 11:56		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 11:56		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 11:56		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 11:56		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 11:56		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 11:56		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 11:56		UG/L	0.61	5	1
Acetone	8260	5.8 I	07/09/2009 11:56		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 11:56		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 11:56		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 11:56		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 11:56		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 11:56		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 11:56		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 11:56		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 11:56		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 11:56		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 11:56		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 11:56		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 11:56		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 11:56		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 11:56		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 11:56		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 11:56		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 11:56		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 11:56		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 11:56		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 11:56		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 11:56		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 11:56		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 11:56		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 11:56		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 11:56		UG/L	0.74	5	1
Methylene chloride	8260	**7.4**	07/09/2009 11:56		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 11:56		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 11:56		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

PEL Lab# : 251299306
Client ID : Trip Blank-3
Matrix : WQ

Collection Information:
Sample Date: 7/2/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/09/2009 11:56		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 11:56		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 11:56		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 11:56		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 11:56		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 11:56		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 11:56		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 11:56		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 11:56		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	105	07/09/2009 11:56		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	106	07/09/2009 11:56		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	109	07/09/2009 11:56		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	109	07/09/2009 11:56		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

QC SUMMARY

METHOD: 160.1

Method Blank 9070381-BLK1 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070381-BLK1 9070381-BLK2 9070381-SRM1 9070381-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/7/2009		MG/L	5	1

Method Blank 9070381-BLK2 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070381-BLK1 9070381-BLK2 9070381-SRM1 9070381-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/7/2009		MG/L	5	1

LABORATORY CONTROL SAMPLE: 9070381-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	0	534	109	(85-115)		

LABORATORY CONTROL SAMPLE: 9070381-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	0	514	105	(85-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 300.1

Method Blank 070209MB2 **Matrix :** WQ

Associated Lab Samples : 070209LCS2 070209LCSD2 070209MB2 251299301 251299303 251299305

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Chloride	0.85 I	7/3/2009		MG/L	1	1
Nitrate	U	7/3/2009		MG/L	0.013	1
Sulfate	U	7/3/2009		MG/L	0.062	1
DCA(SURR) (S)	102	7/3/2009		%	(90 - 115)	1

Method Blank 070609MB2 **Matrix :** WQ

Associated Lab Samples : 070609LCS2 070609LCSD2 070609MB2 251299303DL1 251299303DL2 251299305DL1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Chloride	0.85 I	7/7/2009		MG/L	1	1
Nitrate	U	7/7/2009		MG/L	0.013	1
Sulfate	U	7/7/2009		MG/L	0.062	1
DCA(SURR) (S)	104	7/7/2009		%	(90 - 115)	1

LABORATORY CONTROL SAMPLE: 070209LCS2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.5	93.8	(75-125)		
Nitrate	MG/L	1	1	100	(75-125)		
Sulfate	MG/L	8	8.1	101.2	(75-125)		
DCA(SURR) (S)	MG/L	5	5.3	106	(90-115)		

LABORATORY CONTROL SAMPLE: 070209LCSD2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.5	93.8	(75-125)	0	20
Nitrate	MG/L	1	1	100	(75-125)	0	20
Sulfate	MG/L	8	8	100	(75-125)	1.2	20
DCA(SURR) (S)	MG/L	5	5	100	(90-115)		

LABORATORY CONTROL SAMPLE: 070609LCS2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)		
Nitrate	MG/L	1	0.99	99	(75-125)		
Sulfate	MG/L	8	8	100	(75-125)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 300.1

LABORATORY CONTROL SAMPLE: 070609LCS2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
DCA(SURR) (S)	MG/L	5	5.2	104	(90-115)		

LABORATORY CONTROL SAMPLE: 070609LCSD2 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)	0	20
Nitrate	MG/L	1	1	100	(75-125)	1	20
Sulfate	MG/L	8	8	100	(75-125)	0	20
DCA(SURR) (S)	MG/L	5	5.3	106	(90-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 6010

Method Blank 287984 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 251299305DL1 287984 287985 287986

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Aluminum	36.5 I	7/8/2009	7/6/2009	UG/L	100	1
Antimony	U	7/8/2009	7/6/2009	UG/L	3.3	1
Arsenic	U	7/8/2009	7/6/2009	UG/L	3.31	1
Barium	U	7/8/2009	7/6/2009	UG/L	0.22	1
Beryllium	U	7/8/2009	7/6/2009	UG/L	0.12	1
Cadmium	U	7/8/2009	7/6/2009	UG/L	0.72	1
Calcium	129	7/8/2009	7/6/2009	UG/L	100	1
Chromium	U	7/8/2009	7/6/2009	UG/L	0.43	1
Cobalt	U	7/8/2009	7/6/2009	UG/L	0.37	1
Copper	U	7/8/2009	7/6/2009	UG/L	2.7	1
Iron	6.48 I	7/8/2009	7/6/2009	UG/L	50	1
Lead	U	7/8/2009	7/6/2009	UG/L	3.7	1
Magnesium	U	7/8/2009	7/6/2009	UG/L	9.8	1
Manganese	U	7/8/2009	7/6/2009	UG/L	0.35	1
Nickel	0.851 I	7/8/2009	7/6/2009	UG/L	5	1
Potassium	U	7/8/2009	7/6/2009	UG/L	71.7	1
Selenium	U	7/8/2009	7/6/2009	UG/L	3.5	1
Silver	U	7/8/2009	7/6/2009	UG/L	0.51	1
Sodium	U	7/8/2009	7/6/2009	UG/L	180	1
Thallium	U	7/8/2009	7/6/2009	UG/L	4.4	1
Tin	U	7/8/2009	7/6/2009	UG/L	3.9	1
Vanadium	U	7/8/2009	7/6/2009	UG/L	0.44	1
Zinc	U	7/8/2009	7/6/2009	UG/L	4	1

LABORATORY CONTROL SAMPLE: 287985 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	46600	93.2	(80-120)		
Antimony	UG/L	500	497	99.4	(80-120)		
Arsenic	UG/L	500	482	96.4	(80-120)		
Barium	UG/L	1500	1450	96.7	(80-120)		
Beryllium	UG/L	500	512	102.4	(80-120)		
Cadmium	UG/L	500	489	97.8	(80-120)		
Calcium	UG/L	50000	47700	95.4	(80-120)		
Chromium	UG/L	500	474	94.8	(80-120)		
Cobalt	UG/L	500	496	99.2	(80-120)		
Copper	UG/L	500	488	97.6	(80-120)		
Iron	UG/L	50000	47700	95.4	(80-120)		
Lead	UG/L	500	502	100.4	(80-120)		
Magnesium	UG/L	50000	47600	95.2	(80-120)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 6010

LABORATORY CONTROL SAMPLE: 287985 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Manganese	UG/L	500	508	101.6	(80-120)		
Nickel	UG/L	500	507	101.4	(80-120)		
Potassium	UG/L	50000	49400	98.8	(80-120)		
Selenium	UG/L	500	511	102.2	(80-120)		
Silver	UG/L	200	190	95	(80-120)		
Sodium	UG/L	50000	47600	95.2	(80-120)		
Thallium	UG/L	500	500	100	(80-120)		
Tin	UG/L	500	495	99	(80-120)		
Vanadium	UG/L	500	497	99.4	(80-120)		
Zinc	UG/L	500	499	99.8	(80-120)		

LABORATORY CONTROL SAMPLE: 287986 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	47600	95.2	(80-120)	2.1	20
Antimony	UG/L	500	503	100.6	(80-120)	1.2	20
Arsenic	UG/L	500	485	97	(80-120)	0.6	20
Barium	UG/L	1500	1480	98.7	(80-120)	2	20
Beryllium	UG/L	500	525	105	(80-120)	2.5	20
Cadmium	UG/L	500	491	98.2	(80-120)	0.4	20
Calcium	UG/L	50000	48700	97.4	(80-120)	2.1	20
Chromium	UG/L	500	481	96.2	(80-120)	1.5	20
Cobalt	UG/L	500	503	100.6	(80-120)	1.4	20
Copper	UG/L	500	494	98.8	(80-120)	1.2	20
Iron	UG/L	50000	48700	97.4	(80-120)	2.1	20
Lead	UG/L	500	504	100.8	(80-120)	0.4	20
Magnesium	UG/L	50000	48500	97	(80-120)	1.9	20
Manganese	UG/L	500	521	104.2	(80-120)	2.5	20
Nickel	UG/L	500	515	103	(80-120)	1.6	20
Potassium	UG/L	50000	50000	100	(80-120)	1.2	20
Selenium	UG/L	500	512	102.4	(80-120)	0.2	20
Silver	UG/L	200	188	94	(80-120)	1.1	20
Sodium	UG/L	50000	48600	97.2	(80-120)	2.1	20
Thallium	UG/L	500	504	100.8	(80-120)	0.8	20
Tin	UG/L	500	502	100.4	(80-120)	1.4	20
Vanadium	UG/L	500	504	100.8	(80-120)	1.4	20
Zinc	UG/L	500	504	100.8	(80-120)	1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 7470

Method Blank 287997 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 287997 287998 287999

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Mercury	U	7/8/2009	7/7/2009	UG/L	0.025	1

LABORATORY CONTROL SAMPLE: 287998 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	2.98	99.3	(80-120)		

LABORATORY CONTROL SAMPLE: 287999 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	3.05	101.7	(80-120)	2.3	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8011

Method Blank 287908 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 287908 287909 287910

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,2-Dibromoethane(EDB)	U	7/6/2009	7/5/2009	UG/L	0.00608	1
1,1,2,2-Tetrachloroethane(SURR	108	7/6/2009	7/5/2009	%	(70 - 130)	1

LABORATORY CONTROL SAMPLE: 287909 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.13	108	(60-140)		
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.26	108	(70-130)		

LABORATORY CONTROL SAMPLE: 287910 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.14	117	(60-140)	7.4	10
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.25	104	(70-130)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8081

Method Blank 288037 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288037 288038 288039 288040

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4,4'-DDD	U	7/8/2009	7/7/2009	UG/L	0.0026	1
4,4'-DDE	U	7/8/2009	7/7/2009	UG/L	0.0038	1
4,4'-DDT	U	7/8/2009	7/7/2009	UG/L	0.0011	1
Aldrin	U	7/8/2009	7/7/2009	UG/L	0.00084	1
alpha-BHC	U	7/8/2009	7/7/2009	UG/L	0.003	1
beta-BHC	U	7/8/2009	7/7/2009	UG/L	0.0012	1
Chlordane	U	7/8/2009	7/7/2009	UG/L	0.05	1
delta-BHC	U	7/8/2009	7/7/2009	UG/L	0.003	1
Dieldrin	U	7/8/2009	7/7/2009	UG/L	0.0027	1
Endosulfan I	U	7/8/2009	7/7/2009	UG/L	0.0043	1
Endosulfan II	U	7/8/2009	7/7/2009	UG/L	0.0016	1
Endosulfan sulfate	U	7/8/2009	7/7/2009	UG/L	0.001	1
Endrin	U	7/8/2009	7/7/2009	UG/L	0.0018	1
Endrin aldehyde	U	7/8/2009	7/7/2009	UG/L	0.0015	1
Endrin ketone	U	7/8/2009	7/7/2009	UG/L	0.006	1
gamma-BHC (Lindane)	U	7/8/2009	7/7/2009	UG/L	0.0024	1
Heptachlor	U	7/8/2009	7/7/2009	UG/L	0.0014	1
Heptachlor epoxide	U	7/8/2009	7/7/2009	UG/L	0.0014	1
Methoxychlor	U	7/8/2009	7/7/2009	UG/L	0.0018	1
Toxaphene	U	7/8/2009	7/7/2009	UG/L	0.18	1
2,4,5,6-tetrachloro-m-xylene(SU	88	7/8/2009	7/7/2009	%	(45 - 125)	1
Decachlorobiphenyl(SURR) (S)	89	7/8/2009	7/7/2009	%	(34 - 133)	1

LABORATORY CONTROL SAMPLE: 288038 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.5	100	(81-126)		
4,4'-DDE	UG/L	0.5	0.46	92	(73-114)		
4,4'-DDT	UG/L	0.5	0.48	96	(64-125)		
Aldrin	UG/L	0.5	0.44	88	(65-101)		
alpha-BHC	UG/L	0.5	0.48	96	(68-107)		
beta-BHC	UG/L	0.5	0.44	88	(72-107)		
delta-BHC	UG/L	0.5	0.49	98	(70-113)		
Dieldrin	UG/L	0.5	0.47	94	(73-109)		
Endosulfan I	UG/L	0.5	0.46	92	(78-102)		
Endosulfan II	UG/L	0.5	0.46	92	(79-113)		
Endosulfan sulfate	UG/L	0.5	0.46	92	(73-123)		
Endrin	UG/L	0.5	0.46	92	(75-119)		
Endrin aldehyde	UG/L	0.5	0.42	84	(13-137)		
Endrin ketone	UG/L	0.5	0.46	92	(76-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8081

LABORATORY CONTROL SAMPLE: 288038 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
gamma-BHC (Lindane)	UG/L	0.5	0.48	96	(69-109)		
Heptachlor	UG/L	0.5	0.46	92	(64-108)		
Heptachlor epoxide	UG/L	0.5	0.46	92	(72-115)		
Methoxychlor	UG/L	0.5	0.45	90	(84-155)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.94	94	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.9	90	(34-133)		

LABORATORY CONTROL SAMPLE: 288039 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.53	106	(81-126)	5.8	18
4,4'-DDE	UG/L	0.5	0.48	96	(73-114)	4.3	20
4,4'-DDT	UG/L	0.5	0.51	102	(64-125)	6.1	20
Aldrin	UG/L	0.5	0.44	88	(65-101)	0	20
alpha-BHC	UG/L	0.5	0.51	102	(68-107)	6.1	20
beta-BHC	UG/L	0.5	0.47	94	(72-107)	6.6	20
delta-BHC	UG/L	0.5	0.52	104	(70-113)	5.9	20
Dieldrin	UG/L	0.5	0.5	100	(73-109)	6.2	20
Endosulfan I	UG/L	0.5	0.49	98	(78-102)	6.3	10
Endosulfan II	UG/L	0.5	0.49	98	(79-113)	6.3	13
Endosulfan sulfate	UG/L	0.5	0.49	98	(73-123)	6.3	16
Endrin	UG/L	0.5	0.49	98	(75-119)	6.3	20
Endrin aldehyde	UG/L	0.5	0.45	90	(13-137)	6.9	20
Endrin ketone	UG/L	0.5	0.49	98	(76-115)	6.3	20
gamma-BHC (Lindane)	UG/L	0.5	0.5	100	(69-109)	4.1	17
Heptachlor	UG/L	0.5	0.47	94	(64-108)	2.2	13
Heptachlor epoxide	UG/L	0.5	0.48	96	(72-115)	4.3	20
Methoxychlor	UG/L	0.5	0.49	98	(84-155)	8.5	19
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.97	97	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.93	93	(34-133)		

LABORATORY CONTROL SAMPLE: 288040 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Toxaphene	UG/L	10	7.6	76	(48-100)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.92	92	(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.86	86	(34-133)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8141

Method Blank 288034 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288034 288035 288036

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Dimethoate	U	7/7/2009	7/7/2009	UG/L	0.54	1
Disulfoton	U	7/7/2009	7/7/2009	UG/L	0.88	1
Famphur	U	7/7/2009	7/7/2009	UG/L	0.49	1
Methyl parathion	U	7/7/2009	7/7/2009	UG/L	0.54	1
Parathion	U	7/7/2009	7/7/2009	UG/L	0.48	1
Phorate	U	7/7/2009	7/7/2009	UG/L	0.95	1
Sulfotepp	U	7/7/2009	7/7/2009	UG/L	0.42	1
Thionazin	U	7/7/2009	7/7/2009	UG/L	0.5	1
TPP-Triphenylphosphate(SURR)	98	7/7/2009	7/7/2009	%	(60 - 130)	1

LABORATORY CONTROL SAMPLE: 288035 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	21	84	(56-139)		
Disulfoton	UG/L	25	24	96	(61-129)		
Famphur	UG/L	25	24	96	(58-145)		
Methyl parathion	UG/L	25	21	84	(33-178)		
Parathion	UG/L	25	22	88	(56-133)		
Phorate	UG/L	25	26	104	(61-125)		
Sulfotepp	UG/L	25	27	108	(60-130)		
Thionazin	UG/L	25	23	92	(59-135)		
TPP-Triphenylphosphate(SURR)	UG/L	50	47	94	(60-130)		

LABORATORY CONTROL SAMPLE: 288036 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	23	92	(56-139)	9.1	20
Disulfoton	UG/L	25	25	100	(61-129)	4.1	20
Famphur	UG/L	25	26	104	(58-145)	8	20
Methyl parathion	UG/L	25	22	88	(33-178)	4.7	20
Parathion	UG/L	25	22	88	(56-133)	0	20
Phorate	UG/L	25	27	108	(61-125)	3.8	20
Sulfotepp	UG/L	25	27	108	(60-130)	0	20
Thionazin	UG/L	25	23	92	(59-135)	0	20
TPP-Triphenylphosphate(SURR)	UG/L	50	49	98	(60-130)		

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FLDOH #E84207

To: Jerry Kuehn
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WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8151

Method Blank 288045 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288045 288046 288047

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
2,4,5-T	U	7/8/2009	7/7/2009	UG/L	0.11	1
2,4,5-TP (Silvex)	U	7/8/2009	7/7/2009	UG/L	0.038	1
2,4'-D	U	7/8/2009	7/7/2009	UG/L	0.15	1
2,4-DB	J3RU	7/8/2009	7/7/2009	UG/L	0.3	1
Dalapon	J3RU	7/8/2009	7/7/2009	UG/L	0.37	1
Dicamba	U	7/8/2009	7/7/2009	UG/L	0.034	1
Dichloroprop	U	7/8/2009	7/7/2009	UG/L	0.18	1
Dinoseb	U	7/8/2009	7/7/2009	UG/L	0.056	1
MCPA	U	7/8/2009	7/7/2009	UG/L	18	1
MCPP	U	7/8/2009	7/7/2009	UG/L	9.3	1
DCAA(SURR) (S)	80	7/8/2009	7/7/2009	%	(54 - 103)	1

LABORATORY CONTROL SAMPLE: 288046 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.86	86	(69-108)		
2,4,5-TP (Silvex)	UG/L	1	0.84	84	(64-122)		
2,4'-D	UG/L	1	1	100	(72-127)		
2,4-DB	UG/L	1	0.83	83	(59-141)		
Dalapon	UG/L	2.5	1.2	48	(28-102)		
Dicamba	UG/L	1	0.75	75	(67-122)		
Dichloroprop	UG/L	1	0.92	92	(62-149)		
Dinoseb	UG/L	1	0.69	69	(31-116)		
MCPA	UG/L	100	70.4	70.4	(30-156)		
MCPP	UG/L	100	60	60	(36-158)		
DCAA(SURR) (S)	UG/L	2.5	1.8	72	(54-103)		

LABORATORY CONTROL SAMPLE: 288047 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.9	90	(69-108)	4.5	18
2,4,5-TP (Silvex)	UG/L	1	0.9	90	(64-122)	6.9	20
2,4'-D	UG/L	1	1.1	110	(72-127)	9.5	20
2,4-DB	UG/L	1	1.1	110	(59-141)	28 *	20
Dalapon	UG/L	2.5	1.5	60	(28-102)	22.2 *	20
Dicamba	UG/L	1	0.87	87	(67-122)	14.8	20
Dichloroprop	UG/L	1	1	100	(62-149)	8.3	20
Dinoseb	UG/L	1	0.74	74	(31-116)	7	20
MCPA	UG/L	100	61	61	(30-156)	14.3	20
MCPP	UG/L	100	64	64	(36-158)	6.5	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8151

LABORATORY CONTROL SAMPLE: 288047 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
DCAA(SURR) (S)	UG/L	2.5	1.6	64	(54-103)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8260

Method Blank 070909BLKA32 **Matrix :** WQ

Associated Lab Samples : 070909BLKA32 070909LCSA32 070909LCSA32D 251299301 251299302 251299303 251299304 251299305 251299306

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	U	7/9/2009		UG/L	0.25	1
1,1,1-Trichloroethane	U	7/9/2009		UG/L	0.19	1
1,1,2,2-Tetrachloroethane	U	7/9/2009		UG/L	0.33	1
1,1,2-Trichloroethane	U	7/9/2009		UG/L	0.28	1
1,1-Dichloroethane	U	7/9/2009		UG/L	0.28	1
1,1-Dichloroethene	U	7/9/2009		UG/L	0.24	1
1,2,3-Trichloropropane	U	7/9/2009		UG/L	0.76	1
1,2-Dibromo-3-chloropropane	U	7/9/2009		UG/L	1.4	1
1,2-Dibromoethane(EDB)	U	7/9/2009		UG/L	0.33	1
1,2-Dichloroethane	U	7/9/2009		UG/L	0.4	1
1,2-Dichloropropane	U	7/9/2009		UG/L	0.27	1
1,4 Dioxane	J3MU	7/9/2009		UG/L	16	1
1,4-Dichloro-2-butene	U	7/9/2009		UG/L	1.9	1
2-Butanone	U	7/9/2009		UG/L	4	1
2-Hexanone	U	7/9/2009		UG/L	0.95	1
4-Methyl-2-pentanone	U	7/9/2009		UG/L	0.61	1
Acetone	U	7/9/2009		UG/L	5.6	1
Acetonitrile	U	7/9/2009		UG/L	5	1
Acrolein	U	7/9/2009		UG/L	3.3	1
Acrylonitrile	U	7/9/2009		UG/L	1.3	1
Allyl chloride	U	7/9/2009		UG/L	0.9	1
Benzene	U	7/9/2009		UG/L	0.16	1
Bromodichloromethane	U	7/9/2009		UG/L	0.15	1
Bromoform	U	7/9/2009		UG/L	0.36	1
Bromomethane	U	7/9/2009		UG/L	0.76	1
Carbon disulfide	U	7/9/2009		UG/L	0.29	1
Carbon tetrachloride	U	7/9/2009		UG/L	0.33	1
Chlorobenzene	U	7/9/2009		UG/L	0.18	1
Chloroethane	U	7/9/2009		UG/L	0.99	1
Chloroform	U	7/9/2009		UG/L	0.29	1
Chloromethane	U	7/9/2009		UG/L	0.68	1
Chloroprene	U	7/9/2009		UG/L	0.2	1
cis-1,3-Dichloropropene	U	7/9/2009		UG/L	0.23	1
Dibromochloromethane	U	7/9/2009		UG/L	0.34	1
Dibromomethane	U	7/9/2009		UG/L	0.53	1
Dichlorodifluoromethane	U	7/9/2009		UG/L	0.23	1
Ethyl methacrylate	U	7/9/2009		UG/L	0.35	1
Ethylbenzene	U	7/9/2009		UG/L	0.43	1
Isobutyl alcohol	U	7/9/2009		UG/L	11	1
Methacrylonitrile	U	7/9/2009		UG/L	1.6	1
Methyl iodide	U	7/9/2009		UG/L	0.4	1
Methyl methacrylate	U	7/9/2009		UG/L	0.74	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8260

Method Blank 070909BLKA32 **Matrix :** WQ

Associated Lab Samples : 070909BLKA32 070909LCSA32 070909LCSA32D 251299301 251299302 251299303 251299304 251299305 251299306

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methylene chloride	U	7/9/2009		UG/L	0.52	1
Propionitrile	U	7/9/2009		UG/L	7.5	1
Styrene	U	7/9/2009		UG/L	0.2	1
Tetrachloroethene	U	7/9/2009		UG/L	0.35	1
Toluene	U	7/9/2009		UG/L	0.22	1
trans-1,2-Dichloroethene	U	7/9/2009		UG/L	0.23	1
trans-1,3-Dichloropropene	U	7/9/2009		UG/L	0.17	1
Trichloroethene	U	7/9/2009		UG/L	0.42	1
Trichlorofluoromethane	U	7/9/2009		UG/L	0.45	1
Vinyl acetate	U	7/9/2009		UG/L	0.36	1
Vinyl chloride	U	7/9/2009		UG/L	0.28	1
Xylene (total)	U	7/9/2009		UG/L	0.27	1
1,2-Dichloroethane-d4(SURR) (S	103	7/9/2009		%	(80 - 120)	1
4-Bromofluorobenzene(SURR) (	100	7/9/2009		%	(86 - 115)	1
Dibromofluoromethane(SURR) (	104	7/9/2009		%	(86 - 118)	1
Toluene d8(SURR) (S)	104	7/9/2009		%	(88 - 110)	1

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	21.3	106	(75-133)		
1,1,1-Trichloroethane	UG/L	20	21.5	108	(79-123)		
1,1,2,2-Tetrachloroethane	UG/L	20	19.2	96	(84-113)		
1,1,2-Trichloroethane	UG/L	20	19.7	98.5	(80-117)		
1,1-Dichloroethane	UG/L	20	20.8	104	(76-118)		
1,1-Dichloroethene	UG/L	20	20.8	104	(81-119)		
1,2,3-Trichloropropane	UG/L	20	20.5	102	(84-119)		
1,2-Dibromo-3-chloropropane	UG/L	20	20.2	101	(63-130)		
1,2-Dibromoethane(EDB)	UG/L	20	20.2	101	(84-121)		
1,2-Dichloroethane	UG/L	20	21.1	106	(83-114)		
1,2-Dichloropropane	UG/L	20	20.4	102	(74-118)		
1,4 Dioxane	UG/L	400	318	79.5	(75-168)		
1,4-Dichloro-2-butene	UG/L	40	33	82.5	(62-123)		
2-Butanone	UG/L	40	43	108	(76-124)		
2-Hexanone	UG/L	40	40.8	102	(75-132)		
4-Methyl-2-pentanone	UG/L	40	42.3	106	(61-134)		
Acetone	UG/L	40	46.2	116	(45-156)		
Acetonitrile	UG/L	200	207	104	(68-125)		
Acrolein	UG/L	40	31.8	79.5	(61-125)		
Acrylonitrile	UG/L	40	43.8	110	(62-132)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Allyl chloride	UG/L	20	20.6	103	(68-121)		
Benzene	UG/L	20	20.4	102	(71-120)		
Bromodichloromethane	UG/L	20	20.7	104	(78-117)		
Bromoform	UG/L	20	21.1	106	(71-128)		
Bromomethane	UG/L	20	19.8	99	(58-144)		
Carbon disulfide	UG/L	20	20.3	102	(65-121)		
Carbon tetrachloride	UG/L	20	22.3	112	(67-138)		
Chlorobenzene	UG/L	20	19.7	98.5	(70-130)		
Chloroethane	UG/L	20	18.9	94.5	(72-135)		
Chloroform	UG/L	20	20.6	103	(80-115)		
Chloromethane	UG/L	20	15.3	76.5	(63-124)		
Chloroprene	UG/L	20	22.4	112	(80-120)		
cis-1,3-Dichloropropene	UG/L	20	22.2	111	(63-129)		
Dibromochloromethane	UG/L	20	20.5	102	(78-123)		
Dibromomethane	UG/L	20	19.7	98.5	(75-119)		
Dichlorodifluoromethane	UG/L	20	23.2	116	(62-133)		
Ethyl methacrylate	UG/L	20	21.8	109	(72-122)		
Ethylbenzene	UG/L	20	19.9	99.5	(70-130)		
Isobutyl alcohol	UG/L	400	323	80.8	(4-173)		
Methacrylonitrile	UG/L	200	206	103	(68-121)		
Methyl iodide	UG/L	20	20.9	104	(56-133)		
Methyl methacrylate	UG/L	20	21.1	106	(73-116)		
Methylene chloride	UG/L	20	21.1	106	(75-111)		
Propionitrile	UG/L	200	199	99.5	(77-118)		
Styrene	UG/L	20	20.4	102	(70-130)		
Tetrachloroethene	UG/L	20	20.1	100	(70-130)		
Toluene	UG/L	20	21.6	108	(75-119)		
trans-1,2-Dichloroethene	UG/L	20	21.4	107	(79-121)		
trans-1,3-Dichloropropene	UG/L	20	21.8	109	(68-127)		
Trichloroethene	UG/L	20	20.8	104	(76-123)		
Trichlorofluoromethane	UG/L	20	21.6	108	(74-135)		
Vinyl acetate	UG/L	20	23.1	116	(49-136)		
Vinyl chloride	UG/L	20	21.1	106	(60-124)		
Xylene (total)	UG/L	60	61.9	103	(70-130)		
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	52.1	104	(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	51	102	(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	52.7	105	(86-118)		
Toluene d8(SURR) (S)	UG/L	50	52.9	106	(88-110)		

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	20.2	101	(75-133)	5.3	20
1,1,1-Trichloroethane	UG/L	20	21.3	106	(79-123)	0.9	20
1,1,2,2-Tetrachloroethane	UG/L	20	19.3	96.5	(84-113)	0.5	20
1,1,2-Trichloroethane	UG/L	20	20.5	102	(80-117)	4	20
1,1-Dichloroethane	UG/L	20	19.6	98	(76-118)	5.9	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1-Dichloroethene	UG/L	20	19.6	98	(81-119)	5.9	20
1,2,3-Trichloropropane	UG/L	20	19.8	99	(84-119)	3.5	20
1,2-Dibromo-3-chloropropane	UG/L	20	19	95	(63-130)	6.1	20
1,2-Dibromoethane(EDB)	UG/L	20	19.8	99	(84-121)	2	20
1,2-Dichloroethane	UG/L	20	21.5	108	(83-114)	1.9	20
1,2-Dichloropropane	UG/L	20	20.6	103	(74-118)	1	20
1,4 Dioxane	UG/L	400	525	131	(75-168)	49.1 *	20
1,4-Dichloro-2-butene	UG/L	40	32.2	80.5	(62-123)	2.5	20
2-Butanone	UG/L	40	41.4	104	(76-124)	3.8	20
2-Hexanone	UG/L	40	37.4	93.5	(75-132)	8.7	20
4-Methyl-2-pentanone	UG/L	40	42.2	106	(61-134)	0.2	20
Acetone	UG/L	40	41.3	103	(45-156)	11.2	20
Acetonitrile	UG/L	200	207	104	(68-125)	0	20
Acrolein	UG/L	40	37.4	93.5	(61-125)	16.2	20
Acrylonitrile	UG/L	40	49	122	(62-132)	11.2	20
Allyl chloride	UG/L	20	20.6	103	(68-121)	0	20
Benzene	UG/L	20	20.6	103	(71-120)	1	20
Bromodichloromethane	UG/L	20	21	105	(78-117)	1.4	20
Bromoform	UG/L	20	19.8	99	(71-128)	6.4	20
Bromomethane	UG/L	20	20.2	101	(58-144)	2	20
Carbon disulfide	UG/L	20	20	100	(65-121)	1.5	20
Carbon tetrachloride	UG/L	20	21.5	108	(67-138)	3.7	20
Chlorobenzene	UG/L	20	19	95	(70-130)	3.6	20
Chloroethane	UG/L	20	18.5	92.5	(72-135)	2.1	20
Chloroform	UG/L	20	21	105	(80-115)	1.9	20
Chloromethane	UG/L	20	18.4	92	(63-124)	18.4	20
Chloroprene	UG/L	20	21.6	108	(80-120)	3.6	20
cis-1,3-Dichloropropene	UG/L	20	21.2	106	(63-129)	4.6	20
Dibromochloromethane	UG/L	20	19.7	98.5	(78-123)	4	20
Dibromomethane	UG/L	20	20.7	104	(75-119)	5	20
Dichlorodifluoromethane	UG/L	20	22.6	113	(62-133)	2.6	20
Ethyl methacrylate	UG/L	20	22.2	111	(72-122)	1.8	20
Ethylbenzene	UG/L	20	19.1	95.5	(70-130)	4.1	20
Isobutyl alcohol	UG/L	400	340	85	(4-173)	5.1	20
Methacrylonitrile	UG/L	200	220	110	(68-121)	6.6	20
Methyl iodide	UG/L	20	20.6	103	(56-133)	1.4	20
Methyl methacrylate	UG/L	20	21.9	110	(73-116)	3.7	20
Methylene chloride	UG/L	20	21.7	108	(75-111)	2.8	20
Propionitrile	UG/L	200	223	112	(77-118)	11.4	20
Styrene	UG/L	20	19.8	99	(70-130)	3	20
Tetrachloroethene	UG/L	20	18.5	92.5	(70-130)	8.3	20
Toluene	UG/L	20	22	110	(75-119)	1.8	20
trans-1,2-Dichloroethene	UG/L	20	20.7	104	(79-121)	3.3	20
trans-1,3-Dichloropropene	UG/L	20	21.8	109	(68-127)	0	20
Trichloroethene	UG/L	20	20.9	104	(76-123)	0.5	20
Trichlorofluoromethane	UG/L	20	20.4	102	(74-135)	5.7	21
Vinyl acetate	UG/L	20	23.6	118	(49-136)	2.1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Vinyl chloride	UG/L	20	19.7	98.5		(60-124)	6.9	20
Xylene (total)	UG/L	60	58	96.7		(70-130)	6.5	20
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	53.2	106		(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	51.6	103		(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	55.2	110		(86-118)		
Toluene d8(SURR) (S)	UG/L	50	56.1	112	*	(88-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8270

Method Blank 288121 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288121 288122 288123

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
0,0,0-Triethylphosphorothioate	U	7/9/2009	7/8/2009	UG/L	2.9	1
1,2,4,5-Tetrachlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.2	1
1,2,4-Trichlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.6	1
1,2-Dichlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.6	1
1,3,5-Trinitrobenzene	U	7/9/2009	7/8/2009	UG/L	2.8	1
1,3-Dichlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.7	1
1,3-Dinitrobenzene	U	7/9/2009	7/8/2009	UG/L	2.5	1
1,4-Dichlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.7	1
1,4-Naphthoquinone	U	7/9/2009	7/8/2009	UG/L	3.1	1
1-Naphthylamine	U	7/9/2009	7/8/2009	UG/L	1.8	1
2,2-Oxybis(1-chloropropane)	U	7/9/2009	7/8/2009	UG/L	3.3	1
2,3,4,6-Tetrachlorophenol	U	7/9/2009	7/8/2009	UG/L	3	1
2,4,5-Trichlorophenol	U	7/9/2009	7/8/2009	UG/L	3.4	1
2,4,6-Trichlorophenol	U	7/9/2009	7/8/2009	UG/L	3.6	1
2,4-Dichlorophenol	U	7/9/2009	7/8/2009	UG/L	3.1	1
2,4-Dimethylphenol	U	7/9/2009	7/8/2009	UG/L	2.3	1
2,4-Dinitrophenol	U	7/9/2009	7/8/2009	UG/L	5.6	1
2,4-Dinitrotoluene	U	7/9/2009	7/8/2009	UG/L	2.8	1
2,6-Dichlorophenol	J3U	7/9/2009	7/8/2009	UG/L	3.5	1
2,6-Dinitrotoluene	U	7/9/2009	7/8/2009	UG/L	2.8	1
2-Acetylaminofluorene	U	7/9/2009	7/8/2009	UG/L	2.5	1
2-Chloronaphthalene	U	7/9/2009	7/8/2009	UG/L	2.8	1
2-Chlorophenol	U	7/9/2009	7/8/2009	UG/L	2.9	1
2-Methyl-4,6-dinitrophenol	U	7/9/2009	7/8/2009	UG/L	3.3	1
2-Methylnaphthalene	U	7/9/2009	7/8/2009	UG/L	2.8	1
2-Methylphenol (o-Cresol)	U	7/9/2009	7/8/2009	UG/L	2.6	1
2-Naphthylamine	U	7/9/2009	7/8/2009	UG/L	2.5	1
2-Nitroaniline	U	7/9/2009	7/8/2009	UG/L	3	1
2-Nitrophenol	U	7/9/2009	7/8/2009	UG/L	3.4	1
2-Picoline	U	7/9/2009	7/8/2009	UG/L	1.9	1
3,3'-Dichlorobenzidine	U	7/9/2009	7/8/2009	UG/L	2.7	1
3,3'-Dimethylbenzidine	U	7/9/2009	7/8/2009	UG/L	6	1
3-Methylcholanthrene	J3MU	7/9/2009	7/8/2009	UG/L	2.2	1
3-Nitroaniline	U	7/9/2009	7/8/2009	UG/L	2.8	1
4-Aminobiphenyl	U	7/9/2009	7/8/2009	UG/L	2.2	1
4-Bromophenyl-phenylether	J3U	7/9/2009	7/8/2009	UG/L	2.3	1
4-Chloro-3-methylphenol	U	7/9/2009	7/8/2009	UG/L	2.7	1
4-Chloroaniline	U	7/9/2009	7/8/2009	UG/L	3	1
4-Chlorophenyl-phenylether	U	7/9/2009	7/8/2009	UG/L	2.5	1
4-Methylphenol	J3U	7/9/2009	7/8/2009	UG/L	6.1	1
4-Nitroaniline	U	7/9/2009	7/8/2009	UG/L	2.8	1
4-Nitrophenol	U	7/9/2009	7/8/2009	UG/L	2.9	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8270

Method Blank 288121 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288121 288122 288123

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4-Nitroquinoline-1-oxide	U	7/9/2009	7/8/2009	UG/L	3.7	1
5-Nitro-o-toluidine	U	7/9/2009	7/8/2009	UG/L	2.6	1
7,12-Dimethylbenz(a)anthracene	U	7/9/2009	7/8/2009	UG/L	2.5	1
a,a-Dimethylphenethylamine	J3U	7/9/2009	7/8/2009	UG/L	16	1
Acenaphthene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Acenaphthylene	U	7/9/2009	7/8/2009	UG/L	3	1
Acetophenone	U	7/9/2009	7/8/2009	UG/L	4	1
Aniline	U	7/9/2009	7/8/2009	UG/L	2.8	1
Anthracene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Aramite	U	7/9/2009	7/8/2009	UG/L	2.5	1
Benzo(a)anthracene	U	7/9/2009	7/8/2009	UG/L	2.6	1
Benzo(a)pyrene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Benzo(b)fluoranthene	U	7/9/2009	7/8/2009	UG/L	2.6	1
Benzo(g,h,i)perylene	U	7/9/2009	7/8/2009	UG/L	2.6	1
Benzo(k)fluoranthene	U	7/9/2009	7/8/2009	UG/L	2.9	1
Benzyl alcohol	U	7/9/2009	7/8/2009	UG/L	3.1	1
Bis(2-Chloroethoxy)methane	J3U	7/9/2009	7/8/2009	UG/L	3.5	1
Bis(2-Chloroethyl)ether	U	7/9/2009	7/8/2009	UG/L	3	1
bis(2-ethylhexyl)phthalate	U	7/9/2009	7/8/2009	UG/L	4.4	1
Butylbenzylphthalate	J3U	7/9/2009	7/8/2009	UG/L	3	1
Chlorobenzilate	U	7/9/2009	7/8/2009	UG/L	2.5	1
Chrysene	U	7/9/2009	7/8/2009	UG/L	2.9	1
Diallate (Avadex)	U	7/9/2009	7/8/2009	UG/L	2.6	1
Dibenz(a,h)anthracene	U	7/9/2009	7/8/2009	UG/L	2.7	1
Dibenzofuran	U	7/9/2009	7/8/2009	UG/L	2.7	1
Diethylphthalate	U	7/9/2009	7/8/2009	UG/L	2.8	1
Dimethyl-phthalate	U	7/9/2009	7/8/2009	UG/L	3	1
Di-n-butylphthalate	J3U	7/9/2009	7/8/2009	UG/L	2.9	1
Di-n-octylphthalate	U	7/9/2009	7/8/2009	UG/L	2.8	1
Ethyl methanesulfonate	U	7/9/2009	7/8/2009	UG/L	2.5	1
Fluoranthene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Fluorene	U	7/9/2009	7/8/2009	UG/L	2.9	1
Hexachlorobenzene	U	7/9/2009	7/8/2009	UG/L	0.41	1
Hexachlorobutadiene	U	7/9/2009	7/8/2009	UG/L	2.5	1
Hexachlorocyclopentadiene	U	7/9/2009	7/8/2009	UG/L	2.2	1
Hexachloroethane	U	7/9/2009	7/8/2009	UG/L	2.6	1
Hexachloropropene	U	7/9/2009	7/8/2009	UG/L	2	1
Indeno(1,2,3-cd)pyrene	U	7/9/2009	7/8/2009	UG/L	2.6	1
Isodrin	U	7/9/2009	7/8/2009	UG/L	2.6	1
Isophorone	J3U	7/9/2009	7/8/2009	UG/L	3.8	1
Isosafrole	U	7/9/2009	7/8/2009	UG/L	2.6	1
Kepone	U	7/9/2009	7/8/2009	UG/L	16	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 8270

Method Blank 288121 **Matrix :** WQ

Associated Lab Samples : 251299301 251299303 251299305 288121 288122 288123

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methapyriline	J3MU	7/9/2009	7/8/2009	UG/L	3.7	1
Methylmethanesulfonate	U	7/9/2009	7/8/2009	UG/L	1.9	1
Naphthalene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Nitrobenzene	U	7/9/2009	7/8/2009	UG/L	2.8	1
N-Nitrosodibutylamine	U	7/9/2009	7/8/2009	UG/L	2.7	1
N-Nitrosodiethylamine	U	7/9/2009	7/8/2009	UG/L	3.1	1
N-Nitrosodimethylamine	U	7/9/2009	7/8/2009	UG/L	2.2	1
N-Nitroso-di-n-propylamine	U	7/9/2009	7/8/2009	UG/L	3	1
N-Nitrosodiphenylamine	J3U	7/9/2009	7/8/2009	UG/L	3.4	1
N-Nitrosomethylethylamine	U	7/9/2009	7/8/2009	UG/L	2.7	1
N-Nitrosomorpholine	U	7/9/2009	7/8/2009	UG/L	3	1
N-Nitrosopiperidine	U	7/9/2009	7/8/2009	UG/L	2.8	1
N-Nitrosopyrrolidine	U	7/9/2009	7/8/2009	UG/L	2.7	1
o-Toluidine	U	7/9/2009	7/8/2009	UG/L	2.7	1
p-Dimethylaminoazobenzene	U	7/9/2009	7/8/2009	UG/L	2.5	1
Pentachlorobenzene	U	7/9/2009	7/8/2009	UG/L	2.2	1
Pentachloroethane	U	7/9/2009	7/8/2009	UG/L	2.5	1
Pentachloronitrobenzene(PCNB)	U	7/9/2009	7/8/2009	UG/L	2.4	1
Pentachlorophenol	U	7/9/2009	7/8/2009	UG/L	2.6	1
Phenacetin	U	7/9/2009	7/8/2009	UG/L	2.7	1
Phenanthrene	U	7/9/2009	7/8/2009	UG/L	2.8	1
Phenol	U	7/9/2009	7/8/2009	UG/L	1.7	1
p-Phenylenediamine	U	7/9/2009	7/8/2009	UG/L	2.7	1
Pronamide	U	7/9/2009	7/8/2009	UG/L	1.8	1
Pyrene	U	7/9/2009	7/8/2009	UG/L	2.9	1
Pyridine	U	7/9/2009	7/8/2009	UG/L	2.1	1
Safrole	U	7/9/2009	7/8/2009	UG/L	2.5	1
2,4,6-Tribromophenol(SURR) (S)	91.5	7/9/2009	7/8/2009	%	(10 - 122)	1
2-Fluorobiphenyl(SURR) (S)	78	7/9/2009	7/8/2009	%	(43 - 116)	1
2-Fluorophenol(SURR) (S)	62	7/9/2009	7/8/2009	%	(21 - 120)	1
Nitrobenzene-d5(SURR) (S)	94.4	7/9/2009	7/8/2009	%	(35 - 114)	1
Phenol-d5(SURR) (S)	40.7	7/9/2009	7/8/2009	%	(10 - 94)	1
p-Terphenyl-d14(SURR) (S)	71.9	7/9/2009	7/8/2009	%	(33 - 141)	1

LABORATORY CONTROL SAMPLE: 288122 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
0,0,0-Triethylphosphorothioate	UG/L	40	36.4	91	(52-120)		
1,2,4,5-Tetrachlorobenzene	UG/L	40	35.4	88.5	(58-107)		
1,2,4-Trichlorobenzene	UG/L	40	30.8	77	(45-105)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288122 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
1,2-Dichlorobenzene	UG/L	40	27.2	68		(40-100)		
1,3,5-Trinitrobenzene	UG/L	40	29.1	72.8		(18-169)		
1,3-Dichlorobenzene	UG/L	40	26.6	66.5		(36-100)		
1,3-Dinitrobenzene	UG/L	40	37	92.5		(45-135)		
1,4-Dichlorobenzene	UG/L	40	26.1	65.2		(38-100)		
1,4-Naphthoquinone	UG/L	40	27.9	69.8		(12-168)		
1-Naphthylamine	UG/L	40	40.8	102		(40-107)		
2,2-Oxybis(1-chloropropane)	UG/L	40	42.8	107		(59-119)		
2,3,4,6-Tetrachlorophenol	UG/L	40	41	102		(63-159)		
2,4,5-Trichlorophenol	UG/L	40	39.8	99.5		(50-110)		
2,4,6-Trichlorophenol	UG/L	40	40	100		(53-115)		
2,4-Dichlorophenol	UG/L	40	38.1	95.2		(54-105)		
2,4-Dimethylphenol	UG/L	40	41.8	104		(47-110)		
2,4-Dinitrophenol	UG/L	80	70.4	88		(56-140)		
2,4-Dinitrotoluene	UG/L	40	35.4	88.5		(69-120)		
2,6-Dichlorophenol	UG/L	40	50.7	127		(51-128)		
2,6-Dinitrotoluene	UG/L	40	38	95		(69-115)		
2-Acetylaminofluorene	UG/L	40	37	92.5		(50-105)		
2-Chloronaphthalene	UG/L	40	35.9	89.8		(35-105)		
2-Chlorophenol	UG/L	40	36.6	91.5		(51-105)		
2-Methyl-4,6-dinitrophenol	UG/L	40	38.3	95.8		(44-130)		
2-Methylnaphthalene	UG/L	40	33.2	83		(57-105)		
2-Methylphenol (o-Cresol)	UG/L	40	34.8	87		(47-110)		
2-Naphthylamine	UG/L	40	33.9	84.8		(49-99)		
2-Nitroaniline	UG/L	40	40	100		(66-115)		
2-Nitrophenol	UG/L	40	40.9	102		(48-115)		
2-Picoline	UG/L	40	17.4	43.5		(26-84)		
3,3'-Dichlorobenzidine	UG/L	40	40.1	100		(55-110)		
3,3'-Dimethylbenzidine	UG/L	40	19.7	49.2		(16-94)		
3-Methylcholanthrene	UG/L	40	77.8	194	*	(54-123)		
3-Nitroaniline	UG/L	40	34.5	86.2		(61-125)		
4-Aminobiphenyl	UG/L	40	29.5	73.8		(54-122)		
4-Bromophenyl-phenylether	UG/L	40	43.2	108		(54-113)		
4-Chloro-3-methylphenol	UG/L	40	38.7	96.8		(55-110)		
4-Chloroaniline	UG/L	40	34.4	86		(52-110)		
4-Chlorophenyl-phenylether	UG/L	40	38.7	96.8		(60-110)		
4-Methylphenol	UG/L	40	29.7	74.2		(37-110)		
4-Nitroaniline	UG/L	40	38.6	96.5		(67-120)		
4-Nitrophenol	UG/L	40	17.4	43.5		(27-80)		
4-Nitroquinoline-1-oxide	UG/L	40	27	67.5		(26-115)		
5-Nitro-o-toluidine	UG/L	40	32.6	81.5		(48-126)		
7,12-Dimethylbenz(a)anthracene	UG/L	40	38.5	96.2		(44-135)		
a,a-Dimethylphenethylamine	UG/L	40	ND	0	*	(10-100)		
Acenaphthene	UG/L	40	33.5	83.8		(60-110)		
Acenaphthylene	UG/L	40	34.8	87		(58-105)		
Acetophenone	UG/L	80	32.4	40.5		(20-127)		
Aniline	UG/L	40	29.6	74		(45-155)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288122 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Anthracene	UG/L	40	35.8	89.5		(63-110)		
Aramite	UG/L	40	34.8	87		(44-145)		
Benzo(a)anthracene	UG/L	40	35.2	88		(63-110)		
Benzo(a)pyrene	UG/L	40	35.8	89.5		(60-110)		
Benzo(b)fluoranthene	UG/L	40	36.4	91		(60-120)		
Benzo(g,h,i)perylene	UG/L	40	36.4	91		(40-125)		
Benzo(k)fluoranthene	UG/L	40	33.3	83.2		(54-125)		
Benzyl alcohol	UG/L	40	30.6	76.5		(60-110)		
Bis(2-Chloroethoxy)methane	UG/L	40	44	110	*	(61-105)		
Bis(2-Chloroethyl)ether	UG/L	40	41.7	104		(62-110)		
bis(2-ethylhexyl)phthalate	UG/L	40	44.2	110		(63-125)		
Butylbenzylphthalate	UG/L	40	45.8	114		(64-115)		
Chlorobenzilate	UG/L	40	38.6	96.5		(55-136)		
Chrysene	UG/L	40	34.5	86.2		(60-110)		
Diallate (Avadex)	UG/L	40	25.9	64.8		(47-119)		
Dibenz(a,h)anthracene	UG/L	40	38	95		(41-125)		
Dibenzofuran	UG/L	40	33.4	83.5		(64-105)		
Diethylphthalate	UG/L	40	39.1	97.8		(64-120)		
Dimethyl-phthalate	UG/L	40	39.1	97.8		(62-125)		
Di-n-butylphthalate	UG/L	40	43.5	109		(65-115)		
Di-n-octylphthalate	UG/L	40	44.7	112		(57-135)		
Ethyl methanesulfonate	UG/L	40	40.8	102		(46-128)		
Fluoranthene	UG/L	40	35.2	88		(64-115)		
Fluorene	UG/L	40	32.7	81.8		(62-110)		
Hexachlorobenzene	UG/L	40	36.9	92.2		(68-110)		
Hexachlorobutadiene	UG/L	40	30.7	76.8		(42-105)		
Hexachlorocyclopentadiene	UG/L	40	31.8	79.5		(27-139)		
Hexachloroethane	UG/L	40	24.8	62		(32-95)		
Hexachloropropene	UG/L	40	31	77.5		(10-120)		
Indeno(1,2,3-cd)pyrene	UG/L	40	36.3	90.8		(45-125)		
Isodrin	UG/L	40	42.7	107		(59-114)		
Isophorone	UG/L	40	42.7	107		(68-110)		
Isosafrole	UG/L	40	38.8	97		(49-123)		
Kepone	UG/L	40	31.1	77.8		(17-136)		
Methapyriline	UG/L	40	28.6	71.5	*	(10-55)		
Methylmethanesulfonate	UG/L	40	30.3	75.8		(11-112)		
Naphthalene	UG/L	40	32.3	80.8		(50-100)		
Nitrobenzene	UG/L	40	39.1	97.8		(61-110)		
N-Nitrosodibutylamine	UG/L	40	39.6	99		(43-129)		
N-Nitrosodiethylamine	UG/L	40	38.1	95.2		(44-125)		
N-Nitrosodimethylamine	UG/L	40	33.5	83.8		(36-89)		
N-Nitroso-di-n-propylamine	UG/L	40	41.9	105		(57-120)		
N-Nitrosodiphenylamine	UG/L	40	44.8	112	*	(71-110)		
N-Nitrosomethylethylamine	UG/L	40	36.2	90.5		(46-120)		
N-Nitrosomorpholine	UG/L	40	38.8	97		(61-116)		
N-Nitrosopiperidine	UG/L	40	36.5	91.2		(45-125)		
N-Nitrosopyrrolidine	UG/L	40	34.1	85.2		(45-113)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288122 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
o-Toluidine	UG/L	40	33.7	84.2	(49-125)		
p-Dimethylaminoazobenzene	UG/L	40	37.4	93.5	(47-125)		
Pentachlorobenzene	UG/L	40	36.7	91.8	(54-117)		
Pentachloroethane	UG/L	40	30.2	75.5	(30-115)		
Pentachloronitrobenzene(PCNB)	UG/L	40	38.4	96	(55-138)		
Pentachlorophenol	UG/L	40	40.7	102	(41-115)		
Phenacetin	UG/L	40	38.2	95.5	(48-130)		
Phenanthrene	UG/L	40	34.3	85.8	(61-115)		
Phenol	UG/L	40	19	47.5	(30-74)		
p-Phenylenediamine	UG/L	40	38.3	95.8	(43-122)		
Pronamide	UG/L	40	35.4	88.5	(52-123)		
Pyrene	UG/L	40	36.6	91.5	(62-130)		
Pyridine	UG/L	40	15.1	37.8	(18-80)		
Safrole	UG/L	40	46.4	116	(40-133)		
2,4,6-Tribromophenol(SURR) (S)	UG/L	200	197	98.5	(10-122)		
2-Fluorobiphenyl(SURR) (S)	UG/L	100	81	81	(43-116)		
2-Fluorophenol(SURR) (S)	UG/L	200	135	67.5	(21-120)		
Nitrobenzene-d5(SURR) (S)	UG/L	100	99.2	99.2	(35-114)		
Phenol-d5(SURR) (S)	UG/L	200	88.8	44.4	(10-94)		
p-Terphenyl-d14(SURR) (S)	UG/L	100	76.3	76.3	(33-141)		

LABORATORY CONTROL SAMPLE: 288123 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
0,0,0-Triethylphosphorothioate	UG/L	40	38.2	95.5	(52-120)	4.8	20
1,2,4,5-Tetrachlorobenzene	UG/L	40	38.6	96.5	(58-107)	8.6	20
1,2,4-Trichlorobenzene	UG/L	40	34.1	85.2	(45-105)	10.2	18
1,2-Dichlorobenzene	UG/L	40	30.5	76.2	(40-100)	11.4	20
1,3,5-Trinitrobenzene	UG/L	40	31.2	78	(18-169)	7	20
1,3-Dichlorobenzene	UG/L	40	30.1	75.2	(36-100)	12.3	16
1,3-Dinitrobenzene	UG/L	40	39.4	98.5	(45-135)	6.3	20
1,4-Dichlorobenzene	UG/L	40	29.8	74.5	(38-100)	13.2	16
1,4-Naphthoquinone	UG/L	40	30.4	76	(12-168)	8.6	20
1-Naphthylamine	UG/L	40	42.3	106	(40-107)	3.6	20
2,2-Oxybis(1-chloropropane)	UG/L	40	45.2	113	(59-119)	5.5	14
2,3,4,6-Tetrachlorophenol	UG/L	40	43.3	108	(63-159)	5.5	20
2,4,5-Trichlorophenol	UG/L	40	43.4	108	(50-110)	8.7	20
2,4,6-Trichlorophenol	UG/L	40	42.4	106	(53-115)	5.8	19
2,4-Dichlorophenol	UG/L	40	40.8	102	(54-105)	6.8	20
2,4-Dimethylphenol	UG/L	40	43.9	110	(47-110)	4.9	20
2,4-Dinitrophenol	UG/L	80	76.7	95.9	(56-140)	8.6	20
2,4-Dinitrotoluene	UG/L	40	38.2	95.5	(69-120)	7.6	18
2,6-Dichlorophenol	UG/L	40	52.8	132 *	(51-128)	4.1	20
2,6-Dinitrotoluene	UG/L	40	41.6	104	(69-115)	9	17
2-Acetylaminofluorene	UG/L	40	38.8	97	(50-105)	4.7	20
2-Chloronaphthalene	UG/L	40	38.8	97	(35-105)	7.8	19
2-Chlorophenol	UG/L	40	39.2	98	(51-105)	6.9	15

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288123 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
2-Methyl-4,6-dinitrophenol	UG/L	40	41.9	105		(44-130)	9	19
2-Methylnaphthalene	UG/L	40	35.7	89.2		(57-105)	7.3	19
2-Methylphenol (o-Cresol)	UG/L	40	38.2	95.5		(47-110)	9.3	15
2-Naphthylamine	UG/L	40	34.4	86		(49-99)	1.5	20
2-Nitroaniline	UG/L	40	43.7	109		(66-115)	8.8	18
2-Nitrophenol	UG/L	40	44.2	110		(48-115)	7.8	20
2-Picoline	UG/L	40	16.2	40.5		(26-84)	7.1	20
3,3'-Dichlorobenzidine	UG/L	40	43.8	110		(55-110)	8.8	15
3,3'-Dimethylbenzidine	UG/L	40	18.8	47		(16-94)	4.7	20
3-Methylcholanthrene	UG/L	40	81.8	204	*	(54-123)	5	20
3-Nitroaniline	UG/L	40	38.3	95.8		(61-125)	10.4	20
4-Aminobiphenyl	UG/L	40	30.9	77.2		(54-122)	4.6	20
4-Bromophenyl-phenylether	UG/L	40	47	118	*	(54-113)	8.4	17
4-Chloro-3-methylphenol	UG/L	40	41.7	104		(55-110)	7.5	12
4-Chloroaniline	UG/L	40	37	92.5		(52-110)	7.3	17
4-Chlorophenyl-phenylether	UG/L	40	41.4	104		(60-110)	6.7	20
4-Methylphenol	UG/L	40	33.2	83		(37-110)	11.1 *	10
4-Nitroaniline	UG/L	40	43.6	109		(67-120)	12.2	20
4-Nitrophenol	UG/L	40	18.3	45.8		(27-80)	5	20
4-Nitroquinoline-1-oxide	UG/L	40	27.7	69.2		(26-115)	2.6	20
5-Nitro-o-toluidine	UG/L	40	35	87.5		(48-126)	7.1	20
7,12-Dimethylbenz(a)anthracene	UG/L	40	40.6	102		(44-135)	5.3	20
a,a-Dimethylphenethylamine	UG/L	40	ND	0	*	(10-100)		
Acenaphthene	UG/L	40	36.3	90.8		(60-110)	8	20
Acenaphthylene	UG/L	40	37.4	93.5		(58-105)	7.2	15
Acetophenone	UG/L	80	34.2	42.8		(20-127)	5.4	20
Aniline	UG/L	40	31.4	78.5		(45-155)	5.9	20
Anthracene	UG/L	40	39.3	98.2		(63-110)	9.3	14
Aramite	UG/L	40	36.6	91.5		(44-145)	5	20
Benzo(a)anthracene	UG/L	40	38.2	95.5		(63-110)	8.2	20
Benzo(a)pyrene	UG/L	40	38.8	97		(60-110)	8	19
Benzo(b)fluoranthene	UG/L	40	40.9	102		(60-120)	11.6	17
Benzo(g,h,i)perylene	UG/L	40	39.1	97.8		(40-125)	7.2	20
Benzo(k)fluoranthene	UG/L	40	34.8	87		(54-125)	4.4	17
Benzyl alcohol	UG/L	40	33.8	84.5		(60-110)	9.9	20
Bis(2-Chloroethoxy)methane	UG/L	40	45.1	113	*	(61-105)	2.5	20
Bis(2-Chloroethyl)ether	UG/L	40	43.5	109		(62-110)	4.2	14
bis(2-ethylhexyl)phthalate	UG/L	40	47.9	120		(63-125)	8	20
Butylbenzylphthalate	UG/L	40	49.1	123	*	(64-115)	7	20
Chlorobenzilate	UG/L	40	41.4	104		(55-136)	7	20
Chrysene	UG/L	40	37.1	92.8		(60-110)	7.3	15
Diallate (Avadex)	UG/L	40	27.3	68.2		(47-119)	5.3	20
Dibenz(a,h)anthracene	UG/L	40	40.8	102		(41-125)	7.1	20
Dibenzofuran	UG/L	40	35.7	89.2		(64-105)	6.7	20
Diethylphthalate	UG/L	40	42.5	106		(64-120)	8.3	13
Dimethyl-phthalate	UG/L	40	41.8	104		(62-125)	6.7	15
Di-n-butylphthalate	UG/L	40	46.7	117	*	(65-115)	7.1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288123 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Di-n-octylphthalate	UG/L	40	48.1	120		(57-135)	7.3	20
Ethyl methanesulfonate	UG/L	40	43.2	108		(46-128)	5.7	20
Fluoranthene	UG/L	40	38.2	95.5		(64-115)	8.2	11
Fluorene	UG/L	40	35	87.5		(62-110)	6.8	20
Hexachlorobenzene	UG/L	40	39.9	99.8		(68-110)	7.8	20
Hexachlorobutadiene	UG/L	40	35.1	87.8		(42-105)	13.4	20
Hexachlorocyclopentadiene	UG/L	40	35	87.5		(27-139)	9.6	20
Hexachloroethane	UG/L	40	28.7	71.8		(32-95)	14.6	17
Hexachloropropene	UG/L	40	35.1	87.8		(10-120)	12.4	20
Indeno(1,2,3-cd)pyrene	UG/L	40	39.4	98.5		(45-125)	8.2	20
Isodrin	UG/L	40	45.1	113		(59-114)	5.5	20
Isophorone	UG/L	40	46.2	116	*	(68-110)	7.9	20
Isosafrole	UG/L	40	41.3	103		(49-123)	6.2	20
Kepone	UG/L	40	34.5	86.2		(17-136)	10.4	20
Methapyriline	UG/L	40	25.4	63.5	*	(10-55)	11.9	20
Methylmethanesulfonate	UG/L	40	31.5	78.8		(11-112)	3.9	20
Naphthalene	UG/L	40	35.1	87.8		(50-100)	8.3	15
Nitrobenzene	UG/L	40	42.1	105		(61-110)	7.4	20
N-Nitrosodibutylamine	UG/L	40	41.2	103		(43-129)	4	20
N-Nitrosodiethylamine	UG/L	40	40.5	101		(44-125)	6.1	20
N-Nitrosodimethylamine	UG/L	40	35.4	88.5		(36-89)	5.5	20
N-Nitroso-di-n-propylamine	UG/L	40	45	112		(57-120)	7.1	20
N-Nitrosodiphenylamine	UG/L	40	49	122	*	(71-110)	9	20
N-Nitrosomethylethylamine	UG/L	40	38.8	97		(46-120)	6.9	20
N-Nitrosomorpholine	UG/L	40	40.8	102		(61-116)	5	20
N-Nitrosopiperidine	UG/L	40	38.8	97		(45-125)	6.1	20
N-Nitrosopyrrolidine	UG/L	40	35.9	89.8		(45-113)	5.1	20
o-Toluidine	UG/L	40	35.7	89.2		(49-125)	5.8	20
p-Dimethylaminoazobenzene	UG/L	40	40	100		(47-125)	6.7	20
Pentachlorobenzene	UG/L	40	37.8	94.5		(54-117)	3	20
Pentachloroethane	UG/L	40	34.6	86.5		(30-115)	13.6	20
Pentachloronitrobenzene(PCNB)	UG/L	40	40.5	101		(55-138)	5.3	20
Pentachlorophenol	UG/L	40	44.3	111		(41-115)	8.5	20
Phenacetin	UG/L	40	40.3	101		(48-130)	5.4	20
Phenanthrene	UG/L	40	37	92.5		(61-115)	7.6	16
Phenol	UG/L	40	19.6	49		(30-74)	3.1	20
p-Phenylenediamine	UG/L	40	40.7	102		(43-122)	6.1	20
Pronamide	UG/L	40	37.5	93.8		(52-123)	5.8	20
Pyrene	UG/L	40	40	100		(62-130)	8.9	20
Pyridine	UG/L	40	14.9	37.2		(18-80)	1.3	20
Safrole	UG/L	40	50.1	125		(40-133)	7.7	20
2,4,6-Tribromophenol(SURR) (S)	UG/L	200	201	100		(10-122)		
2-Fluorobiphenyl(SURR) (S)	UG/L	100	80.2	80.2		(43-116)		
2-Fluorophenol(SURR) (S)	UG/L	200	129	64.5		(21-120)		
Nitrobenzene-d5(SURR) (S)	UG/L	100	99.2	99.2		(35-114)		
Phenol-d5(SURR) (S)	UG/L	200	85.7	42.8		(10-94)		
p-Terphenyl-d14(SURR) (S)	UG/L	100	77.4	77.4		(33-141)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 8270

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 9012

Method Blank 9070474-BLK1 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070474-BLK1 9070474-BLK2 9070474-BS1 9070474-BS2 9070474-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
cyanide	ND	7/9/2009	7/8/2009	MG/L	0.01	1

Method Blank 9070474-BLK2 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070474-BLK1 9070474-BLK2 9070474-BS1 9070474-BS2 9070474-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
cyanide	ND	7/9/2009	7/8/2009	MG/L	0.01	1

LABORATORY CONTROL SAMPLE: 9070474-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.3	0.289	96		(90-110)		

LABORATORY CONTROL SAMPLE: 9070474-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.3	0.259	86	*	(90-110)		

LABORATORY CONTROL SAMPLE: 9070474-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0	0.55	127		(56.68-144.		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 310.1

Method Blank 9070552-BLK1 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK2 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK3 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK4 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

Method Blank 9070552-BLK5 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	1.71 I	7/9/2009		MG/L	2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: 310.1

Method Blank 9070552-BLK6 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070552-BLK1 9070552-BLK2 9070552-BLK3 9070552-BLK4 9070552-BLK 9070552-BLK6 9070552-BS1 9070552-BS2 9070552-BS3 9070552-BS4 9070552-BS5 9070552-BS6 9070552-SRM1 9070552-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/9/2009		MG/L	2	1

LABORATORY CONTROL SAMPLE: 9070552-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	50.8	102	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.5	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS3 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.4	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS4 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	48.8	98	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS5 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	49.8	100	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-BS6 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	51.3	103	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	0	43.4	99	(90-110)		

LABORATORY CONTROL SAMPLE: 9070552-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

METHOD: 310.1

LABORATORY CONTROL SAMPLE: 9070552-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	0	44.7	103	(90-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993
PROJECT ID: Sarasota CCSWDC - 09-8647
METHOD: SM4500-NH3-B,

Method Blank 9070485-BLK1 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070485-BLK1 9070485-BLK2 9070485-BS1 9070485-BS2 9070485-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/8/2009		MG/L	0.2	1

Method Blank 9070485-BLK2 **Matrix :** W

Associated Lab Samples : 251299301 251299303 251299305 9070485-BLK1 9070485-BLK2 9070485-BS1 9070485-BS2 9070485-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/8/2009		MG/L	0.2	1

LABORATORY CONTROL SAMPLE: 9070485-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.76	95	(90-110)		

LABORATORY CONTROL SAMPLE: 9070485-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.9	98	(90-110)		

LABORATORY CONTROL SAMPLE: 9070485-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	0	6.65	93	(74-124)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2512993

PROJECT ID: Sarasota CCSWDC - 09-8647

Brian C. Spann

Digitally signed by Brian C. Spann
DN: cn=Brian C. Spann, o=Spectrum, ou=PEL, email=bspann@pelab.com, c=US
Date: 2009.07.13 17:17:23 -04'00'

Brian C. Spann Laboratory Manager

or

Mark Gudnason Quality Assurance Officer

PEL

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1 25/2993-JH

Special Handling:

TAT- Indicate Date Needed:

- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc., Inc.
78 Sarasota Center Blvd.
Sarasota, FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647

Site Name: Sarasota CCSWDC

Location: 4000 Knights Trail Rd. Venice, Sarasota Co. State: FL

Sampler(s): Michael Eggleston Michael Eggleston

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Ice Only 10=_____ 11=_____

List preservative code below:

9	4	9	3	5	9	9	2

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Water X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151 8270/8081	6010*/7470	SM 2320	SM2540/SM4500	9012	300.1**	8011	8260
01	MW-18	7.01.09	11:32	G	GW	6	4		6	X	X	X	X	X	X	X	X
~~07~~ 7-2-09	TEMP. BLANK	—	—	—	X1	1											
02	TRIP BLANK	—	—	—	X1	1											
03	MW-15	7.02.09	10:44	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
04	TRIP BLANK	—	—	—	X1	1											
05	MW-16	7.02.09	13:12	G	GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
06	TRIP BLANK	—	—	—	X1	1											

QA/QC Reporting Level

☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards: _____

* Title 40 CFR 258 App. II metals plus Ca, Fe, Mg, K, Na.

** Chlorides, Nitrate, Sulfate

☐ E-mail to _____

EDD Format _____

* 7-2-09
pH for 9260, 4500, SM4500, SM2540, metals <2, pH >12 for 9012, 9012, 2540, 4500 + 2320 rushed to Tyanna

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 4.0°C

Relinquished by:	Received by:	Date:	Time:
6-22-09			
Michael Egg/Ardaman 7.02.09 14:30		7/2/09	1450
for Ja Kim		7-2-09	1600

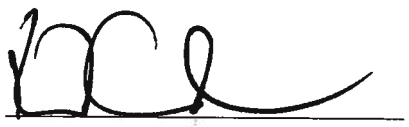
SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2512993	**Req:**	88517
Client:	Ardaman	**Project:**	Sarasota CCSWDC
Level:	3	**Date Rec'd:**	7/2/2009 4:00:00 PM
Rec'd via:	courier	**Due Date:**	07/10/09

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	Yes	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	Yes	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	courier	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

PEER REVIEW 

Location _____ Date 7.7.09

Project / Client Sarasota CCSWDC / 09-8647

Collected grab groundwater samples from MW-17, MW-19 and MW-20.

- Sample for MW-17 to be analyzed for same parameters as detailed on 6.30.09 field log.
- Samples for MW-19 and MW-20 to be analyzed by method 300.1 for Nitrate. (Note: These wells were resampled since the samples from 6.30.09 had expired hold time).

See Field Calibration Worksheet and Groundwater Sampling Logs for details.

Note: Electric Submersible Pump was rented from ESI to purge and sample MW-17.

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

FIELD CALIBRATION WORKSHEET

DEP-SOP-001/01, FT 1000 General Field Testing and Measurement

Project ID: Sarasota CCSWDC / 09-8647 Date: 7.7.09

Sample Location(s): MW-17, 19, 20 Technician: Michael Eggleston

Operational Notes:

1) Local Barometric Pressure is required for proper DO meter calibration. Obtain reading prior to mobilizing to field. **Barometric Pressure***

2) **DO Calibration**: Insert dry probe into calibration bottle after excess water has been removed. Sponge should be moist only. After initially powering on DO meter, allow 10 to 15 minutes for readings to stabilize. Press **CAL**. Adjust barometric pressure and press enter key once. Once reading stabilizes press enter key again. If applicable adjust salinity value, otherwise just press enter key to complete calibration.

1013 **mBar**

3) **pH Calibration:** Place probe in 7.00 buffer, press and hold **STAND** until "SLOPE" flashes. Rinse probe with distilled water, then place in 2nd buffer and press **SLOPE** to complete calibration.

4) **Conductivity Calibration**: Press **CAL** to enter calibration mode. Fully immerse probe in standard and shake lightly to remove air bubbles. Press **MODE** until "Conductivity" displays. Adjust reading to standard value. Press enter key to complete calibration.

Table FT 1500-1 100% Saturation vs Temperature

Temp. °C	DO
12.0	10.777
13.0	10.537
14.0	10.306
15.0	10.084
16.0	9.870
17.0	9.665
18.0	9.467
19.0	9.276
20.0	9.092
21.0	8.915
22.0	8.743
23.0	8.578
24.0	8.418
25.0	8.263
26.0	8.113
27.0	7.968
28.0	7.827
29.0	7.691
30.0	7.559
31.0	7.430
32.0	7.305
33.0	7.183

Instrument Calibration

Parameter	Readings / Time						Table FT 1000-1 Acceptance Criteria
	Initial Prior to Calibration	Directly After Calibration	Calibration Check	Final After Sampling	Calibration Check****	Units	
pH (7)**	6.93 @ 09:46	7.00 @ 09:46	PASS ☑ FAIL ☐	6.96 @ 17:21	PASS ☑ FAIL ☐	SU	± 0.2 Standard pH Units of Buffer
pH (4)**	4.25 @ 09:47	4.01 @ 09:47	PASS ☑ FAIL ☐	4.00 @ 17:22	PASS ☑ FAIL ☐	SU	
ph (10)**	@	@	PASS ☐ FAIL ☐	@	PASS ☐ FAIL ☐	SU	
Conductivity*** (1413)	1350 @ 09:49	1414 @ 09:50	PASS ☑ FAIL ☐	1524 @ 16:08	PASS ☐ FAIL ☑	µS/cm	± 5% of Standard Value
Dissolved Oxygen - 100% Saturation in Air	6.82 30.6 @ 10:01	7.43 30.7 @ 10:02	PASS ☑ FAIL ☐	6.82 34.6 @ 16:10	PASS ☑ FAIL ☐	mg/L °C	± 0.3 mg/L of Theoretical Value
Turbidity (0.0)	0.00 @ 09:52	0.00 @ 09:52	PASS ☑ FAIL ☐	0.05 @ 17:24	PASS ☑ FAIL ☐	NTU	± 10% of Standard Value
Turbidity (40.0)	44.5 @ 09:54	39.8 @ 09:54	PASS ☑ FAIL ☐	47.2 @ 17:25	PASS ☐ FAIL ☑	NTU	± 8% of Standard Value

* Source: http://www.wunderground.com/US/FI (To convert Inches of Hg to mBar, multiply by 33.864)

** pH meter uses a 2-point calibration. Use the 7.00 buffer for the first point and then select the second point to bracket the sample.

*** **Temperature Compensated Conductivity** - Measurement of conductivity, compensated to 25°C. "°C" flashes during measurement.

**** If calibration check fails, report readings as estimated noted with a "J" data qualifier on the Groundwater Sampling Log.

Standard and Reagent Documentation

Description	Manufacturer	Catalog #	Lot #	Color	Expiration
pH Buffer 4.00	Geotech Environmental Equipment, Inc.	GTBU5004-P	8AI314	Pink	Sep/10
pH Buffer 7.00	Geotech Environmental Equipment, Inc.	GTBU5007-P	8AJ222	Yellow	Oct/10
pH Buffer 10.00	Geotech Environmental Equipment, Inc.	GTBU5010-P	8AI073	Blue	Sep/10
Conductivity Standard 1413 µS/cm	Geotech Environmental Equipment, Inc.	GTCS1413-P	8AJ095	Colorless	Oct/09
Turbidity Standard 0.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Black	Aug/07
Turbidity Standard 40.0 NTU	Orbeco Analytical Systems, Inc.	966-51	N/A	Pale White	Aug/07

Field Instrument Documentation

Description	Manufacturer / Model #	Serial #
Portable pH/Temp. Meter	YSI EcoSense pH100	JC03145
Portable Conductivity/Temp. Meter	YSI EcoSense EC300	JC00834
Portable DO/Temp. Meter	YSI EcoSense DO200	JC05681
Portable Turbidimeter	Orbeco-Hellige 966	1415

Comments:

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: MW-17	DATE: 7.7.09

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 21.8 feet to 31.8 feet	STATIC DEPTH TO WATER (feet): 29.86	PURGE PUMP TYPE OR BAILER: Grundfos ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (32.62 feet – 29.86 feet) X 0.16 gallons/foot = 0.44 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): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	PURGING INITIATED AT: 12:17	PURGING ENDED AT: 12:50	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:21	0.5	0.5	0.12	30.75	6.39	28.7	1632 J	0.52	200 J	Yellowish to brown	None
12:30	0.5	1.0	0.06	30.49	6.41	29.0	1640 J	0.51	180 J	Same	Same
12:36	0.5	1.5	0.08	31.15	6.44	28.7	1615 J	0.55	160 J	Same	Same
12:44	0.5	2.0	0.06	30.88	6.44	28.9	1625 J	0.64	150 J	Same	Same
12:50	0.5	2.5	0.08	31.33	6.43	29.0	1630 J	0.50	140 J	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"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 12:52	SAMPLING ENDED AT: 13:28
PUMP OR TUBING DEPTH IN WELL (feet): 31.5	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)
MW-17	4	AG	1 L	4°C	N/A		8141/8151/8270/8081	ESP	~400
	1	PE	250mL	HNO_3 + 4°C	Premeasured		6010B / 7470	ESP	~400
	1	PE	500mL	4°C	N/A		SM 2320	ESP	~400
	4	PE	250mL	See Remarks	Premeasured		SM 4500/SM 2540 9012 / 300.1	ESP	~400
	3	CG	40mL	4°C	N/A		8011	ESP	<100
	3	CG	40mL	HCl + 4°C	Premeasured		8260	ESP	<100

REMARKS: * Title 40 CFR 258, APP II metals plus Ca, Fe, Mg, K, Na
Preservatives: SM 4500/SM 2540 - H_2SO_4 + 4°C, 9012 - NaOH + 4°C, 300.1 - 4°C
Conductivity values estimated.
Turbidity values estimated.

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

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

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

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

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

Revision Date: February 12, 2009

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-19	SAMPLE ID: MW-19	DATE: 7.7.09

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 12.7 feet to 22.7 feet	STATIC DEPTH TO WATER (feet): 20.10	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.03 feet − 20.10 feet) X 0.16 gallons/foot = 0.47 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): 21.5	PURGING INITIATED AT: 15:34	PURGING ENDED AT: 15:52	TOTAL VOLUME PURGED (gallons): 1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:40	0.50	0.50	0.08	20.63	6.07	28.0	639 J	0.43	40 J	Yellowish lt. brown	None
15:46	0.25	0.75	0.04	20.71	6.07	27.8	648 J	1.04	40 J	Same	Same
15:52	0.25	1.00	0.04	20.77	6.07	27.7	653 J	0.92	43 J	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"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 15:53	SAMPLING ENDED AT: 15:55
PUMP OR TUBING DEPTH IN WELL (feet): 21.5	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-19	1	PE	250mL	4°C	N/A		300.1 - Nitrate	APP	160

REMARKS: Conductivity values estimated.
Turbidity values estimated.

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

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

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

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

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

Revision Date: February 12, 2009

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-20	SAMPLE ID: MW-20
DATE: 7.7.09	

PURGING DATA

WELL DIAMETER (inches): 2.0	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 11.9 feet to 21.9 feet	STATIC DEPTH TO WATER (feet): 19.71	PURGE PUMP TYPE OR BAILER: Master Flex Low Flow PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.48 feet – 19.71 feet) X 0.16 gallons/foot = 0.44 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): 21.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.0	PURGING INITIATED AT: 14:47	PURGING ENDED AT: 15:03	TOTAL VOLUME PURGED (gallons): 1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:53	0.50	0.50	0.08	20.44	6.69	27.6	1551 J	0.51	11 J	V. Faint yellow	V.S.I. organic
14:58	0.25	0.75	0.05	20.59	6.74	27.5	1548 J	0.49	15 J	Same	Same
15:03	0.25	1.00	0.05	20.67	6.81	27.7	1545J	0.47	20 J	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"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Michael Eggleston / Ardaman	SAMPLER(S) SIGNATURE(S): Michael Eggleston	SAMPLING INITIATED AT: 15:04	SAMPLING ENDED AT: 15:07
PUMP OR TUBING DEPTH IN WELL (feet): 21.0	TUBING MATERIAL CODE: PE, O (TYGON)	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)
MW-20	1	PE	250mL	4°C	N/A		300.1-Nitrate	APP	190

REMARKS: Conductivity values estimated.
Turbidity values estimated.

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

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

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

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

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

Revision Date: February 12, 2009

PEL

A Division of SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

TAT- Indicate Date Needed:

- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc.-Inc.
78 Sarasota Center Blvd.
Sarasota, FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647

Site Name: Sarasota CCSWDC

Location: 4000 Knights Trl. Rd. Venice, Sarasota Co. State: FL

Sampler(s): Michael Eggleston

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice Only 10= _____ 11= _____

List preservative code below: 9 4 9 3 5 9 9 2

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Water X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151 8270/8081	6010*/7470	SM2320	SM2540/SM4500	9012	300.1 **	8011	8260
	MW-17	07.07.09	13:28		GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
	TRIP BLANK	—	—	—	X1	1											
	MW-19	07.07.09	15:55		GW				1						X		
	MW-20	07.07.09	15:07		GW				1						X		

QA/QC Reporting Level

☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards: _____

* Title 40 CFR 258 App. II metals plus Ca, Fe, Mg, K, Na.

** Analyze MW-17 for Chlorides, Nitrate & Sulfate. Analyze MW-19 & MW-20 for Nitrate only.

☐ E-mail to _____

EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C _____

Relinquished by:	Received by:	Date:	Time:
7/6/09			
AAI 7.7.09 17:50	7/8/09	7/8/09	10:37am

PEL a division of Spectrum Analytical, Inc.
featuring HANIBAL TECHNOLOGY

Florida Department of Health #E84207
June 30, 2009

CWA - Extractable Organics, General Chemistry,Metals,
Pesticides-herbicides-PCB's, Volatile Organics
RCRA/CERCLS - Extractable Organics, General Chemistry, Metals
Pesticides-Herbicides-PCB's, Volatile Organics

- CERTIFICATE OF ANALYSIS -

Report Date: 07/16/2009

To: Jerry Kuehn
Ardaman & Associates
78 Sarasota Center Boulevard
Sarasota, FL 34240
USA

W 941-922-3526
F 941-922-6743

PROJECT ID: Sarasota CCSWDC 09-8647
WORK ORDER: 2513018
DATE RECEIVED: Wednesday, July 08, 2009

Project Notes:

@@@@@@ Subcontracted to lab certification # 87600/E87936

(†): Short Hold Time Analysis Date

Samples reported on dry weight basis
All test results in this report pertain only to the samples as submitted.

PEL Contact: Mark Gudnason / extension: 242

8405 Benjamin Road, Suite A• Tampa, Florida 33634
813-888-9507• FAX: 800-480-6435
Website: www.pelab.com

PEL a division of Spectrum Analytical, Inc.
featuring Hanibal Technology

DATA QUALIFIER CODES

State of Florida, Department of Environmental Protection and
Department of Health _Rehabilitative Services / NELAC

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

J Estimated value; value not accurate. This code shall be used in the following instances:

1. Surrogate recovery limits have been exceeded.
2. No known quality control criteria exits for the component.
3. The reported value did not meet the established quality control criteria for either precision or accuracy but falls within the NELAC marginal exceedance range.

3M. 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.

3R. The RPD for the LCSD exceeds the laboratory established control limits.

4. The sample matrix interfered with the ability to make an accurate determination.
5. The data is questionable because of improper laboratory or field protocols (e.g. composite sample was collected instead of a grab sample).

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

Q Sample held beyond acceptable 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 the sample preparation or analysis.

U Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).

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.

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

Note: There was not sufficient sample volume to perform a matrix spike/duplicate for the following method(s).
: 300.1, 8011, 8081, 8141, 8151, 8260, 8270
A Blank and Laboratory Control sample was analyzed to ensure the method performed within acceptable guidelines.

RL - Reporing Limit. The PEL lowest Practical Quanititation Limit (PQL), defined by the lowest point in the calibration curve.

Client: Ardaman & Associates

CASE NARRATIVE
Outside Laboratory Tests

PEL Lab Reference No./SDG: 2513018

Methods: SM4500-NH3-BC, 9012, SM2320B, SM2540C,

I. HOLDING TIMES

A. Sample Preparation:
All holding times were met.

B. Sample Analysis:
All holding times were met.

II. ANALYSIS

A. Blanks:

All acceptance criteria were met.

B. Surrogates:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

D. Samples:

Sample analysis proceeded normally.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: There is no preparation step for this method.

B. Sample Analysis: All hold time criteria were met.

III. METHOD

Analyses were performed according to EPA method 300.1 and the PEL, a Division of Spectrum Analytical, Standard Operating Procedure.

IV. PREPARATION

There is no preparation step for this method.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB737669 was analyzed on 07/08/09 17:20. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L.

CCB737663 was analyzed on 07/08/09 21:52. The following analyte(s) were detected below RL: Chloride at 0.84 MG/L.

CCB737664 was analyzed on 07/09/09 02:51. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

CCB737665 was analyzed on 07/09/09 05:07. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

ICB738067 was analyzed on 07/09/09 17:27. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

CCB738062 was analyzed on 07/10/09 03:26. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.

CCB738063 was analyzed on 07/10/09 06:36. The following analyte(s) were detected below RL: Chloride at 0.88 MG/L, Sulfate at 0.44 MG/L. Since the hits in the blank are below the reporting limit, no further action was taken.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 070809MB was analyzed with the water samples on 07/08/09. Blank was non-detect for all target analytes.

Blank 070909MB was analyzed with the water samples on 07/09/09. The following analyte(s) were detected below RL: Chloride at 0.85 MG/L.
Samples coded accordingly. Since the hit in the blank is below the reporting limit, no further action was taken.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

E. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

F. Samples:

Sample analysis proceeded normally.
Sample MW-17 required a 5X dilution due to high concentration of the following analyte(s): Chloride.

CASE NARRATIVE
Anions by Ion Chromatography

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: Tara Keene **DATE:** 07/10/2009

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.
CCV739336 failed acceptance criteria for Zinc. All associated samples were re-analyzed for Zinc.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.
Calcium result found in Blank288244 was 115 ug/L. All associated samples had Calcium results greater than 10X that found in the Blank.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

2. **Post Digestion Spike:**

   All acceptance criteria were met.

3. **Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):**

   No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. ICP Interference Check Samples:

All acceptance criteria were met.

G. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE:** 07/15/2009

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

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Linda Lee M. Gale

SIGNED: **DATE:** **07/14/2009**

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

SW846/EPA 8011.

IV. PREPARATION

Water samples were prepared by SW846/EPA 8011 for semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
EDB GC SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

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SIGNED: **DATE:** **07/16/2009**

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8081.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8081 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met with the exception of:
Blank 576MB was analyzed with the water samples extracted on 07/13/09. The following analyte(s) were detected below RL: Heptachlor at 0.04 UG/L.
Since the analyte was below RL, no further action was taken.
Samples coded accordingly.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 576LCSD was analyzed with the water samples extracted on 07/13/09. The following analyte(s) were recovered below criteria: Endosulfan I at 76 % with criteria of (78-102), Methoxychlor at 78 % with criteria of (84-155). The following analyte(s) exceeded RPD criteria: Endosulfan I at 16.9 % with criteria of (10), Endosulfan II at 16.1 % with criteria of (13), Endosulfan sulfate at 19 % with criteria of (16), Heptachlor at 14.6 % with criteria of (13).

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

Since all other recoveries were within control limits, no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

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SIGNED: **DATE:** **07/16/2009**

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8141.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8141 semi-volatiles analysis

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
GC/NPD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

F. Samples:

Sample analysis proceeded normally.

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SIGNED: DATE:

Digitally Sign

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8151 chlorinated acid herbicides.

IV. PREPARATION

Water samples were prepared by EPA SW846 3510 for 8151 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 566LCSD was analyzed with the water samples extracted on 07/10/09. All criteria were met. The following analyte(s) exceeded RPD criteria: 2,4-DB at 24 % with criteria of (20), MCPA at 37.3 % with criteria of (20).

Since all percent recovery acceptance criteria were met, no further action was taken.

Samples coded accordingly.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

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SIGNED: **DATE:** **07/15/2009**

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Water samples were prepared by SW846/5030 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 070909LCSA32D was recovered above criteria for the following surrogate(s):
Toluene d8 at 112 % with criteria of (88-110).

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 070909LCSA32D was analyzed with the water samples on 07/09/09. All criteria were met. The following analyte(s) exceeded RPD criteria: 1,4 Dioxane at 49.1 % with criteria of (20).

Samples coded accordingly.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
Client specified reporting limits were used.

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SIGNED:  **DATE:** 07/14/2009

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Please note that second source SSC734996 (AP9SEC.D) did not meet criteria for methapyriline and 3-methylcholanthrene with 202.2 %D and 109.6 %D, respectively. The most probable cause for these variances is a difference between the stock standards. Investigation is being conducted. Since these analytes were not detected in the samples, no further action was taken.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 562LCS was analyzed with the water samples extracted on 07/09/09. The following analyte(s) were recovered below criteria: a,a-Dimethylphenethylamine at 0 % with criteria of (10-100). and the following analyte(s) were recovered above criteria: Butylbenzylphthalate at 116 % with criteria of (64-115), Methapyriline at 57 % with criteria of (10-55), N-Nitrosodimethylamine at 89.2 % with criteria of (36-89). The following analyte(s) had marginal exceedance limit failures: 3-

PEL Lab Reference No./SDG: 2513018

Client: Ardaman & Associates

Methylcholanthrene at 182 % with criteria of (42.5-134.5), N-Nitrosodiphenylamine at 117 % with criteria of (64.5-116.5).

Since all other analytes met all acceptance criteria, no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

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SIGNED: **DATE:** 07/10/2009

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method		Results		Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
total dissolved solids (residue, fil	160.1	@@@@@@	**192**		07/09/2009 9:07		MG/L	4.93	5	1
Nitrate	300.1		0.013 U	(†)	07/09/2009 1:57		MG/L	0.013	0.1	1
Sulfate	300.1		**4.7**	(†)	07/09/2009 1:57		MG/L	0.062	1	1
DCA(SURR)	300.1		102	(†)	07/09/2009 1:57		%	0.062	(90 - 115)	1
Chloride	300.1		**75.7**	(†)	07/10/2009 5:42		MG/L	0.65	5	5
DCA(SURR)	300.1		104	(†)	07/10/2009 5:42		%	0.65	(90 - 115)	5
alkalinity, total (as caco3)	310.1	@@@@@@	**640**		07/10/2009 16:08		MG/L	1.09	2	1
Aluminum	6010		**568**		07/14/2009 17:09	07/09/2009 12:40	UG/L	9.15	100	1
Antimony	6010		3.3 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	3.3	10	1
Arsenic	6010		**42.7**		07/14/2009 17:09	07/09/2009 12:40	UG/L	3.31	10	1
Barium	6010		**91.1**		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.22	10	1
Beryllium	6010		1.03 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.12	5	1
Cadmium	6010		0.72 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.72	5	1
Calcium	6010		**164000 V**		07/14/2009 17:09	07/09/2009 12:40	UG/L	39	100	1
Chromium	6010		4.71 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.43	10	1
Cobalt	6010		0.37 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.37	10	1
Copper	6010		2.7 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	2.7	10	1
Iron	6010		**136000**		07/14/2009 17:09	07/09/2009 12:40	UG/L	5.5	50	1
Lead	6010		4.2 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	3.7	15	1
Magnesium	6010		**22400**		07/14/2009 17:09	07/09/2009 12:40	UG/L	9.8	100	1
Manganese	6010		**22.5**		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.35	10	1
Nickel	6010		3.97 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.71	5	1
Potassium	6010		**3670**		07/14/2009 17:09	07/09/2009 12:40	UG/L	71.7	500	1
Selenium	6010		3.5 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	3.5	20	1
Silver	6010		0.51 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.51	10	1
Sodium	6010		**52800**		07/14/2009 17:09	07/09/2009 12:40	UG/L	180	300	1
Thallium	6010		4.4 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	4.4	10	1
Tin	6010		3.9 U		07/14/2009 17:09	07/09/2009 12:40	UG/L	3.9	15	1
Vanadium	6010		3.86 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	0.44	10	1
Zinc	6010		7.2 I		07/14/2009 17:09	07/09/2009 12:40	UG/L	4	20	1
Mercury	7470		0.037 U		07/13/2009 9:09	07/09/2009 11:00	UG/L	0.037	0.2	1
1,2-Dibromoethane(EDB)	8011		0.01 U		07/16/2009 1:53	07/15/2009 16:55	UG/L	0.01	0.0329	1
1,1,2,2-Tetrachloroethane(SURR	8011		108		07/16/2009 1:53	07/15/2009 16:55	%	0.01	(70 - 130)	1
4,4'-DDD	8081		0.0029 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0029	0.056	1
4,4'-DDE	8081		0.0042 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0042	0.056	1
4,4'-DDT	8081		0.0012 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0012	0.056	1
Aldrin	8081		0.00093 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0009	0.056	1
alpha-BHC	8081		0.0033 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0033	0.011	1
beta-BHC	8081		0.0013 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0013	0.056	1
Chlordane	8081		0.056 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.056	0.56	1
delta-BHC	8081		0.0033 U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0033	0.056	1
Dieldrin	8081		0.0032 I		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.003	0.056	1
Endosulfan I	8081		0.0048 J3U		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0048	0.056	1
Endosulfan II	8081		0.0018 J3RU		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0018	0.056	1
Endosulfan sulfate	8081		0.0011 J3RU		07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0011	0.056	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Endrin	8081	0.002 U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.002	0.056	1
Endrin aldehyde	8081	0.0019 I	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0017	0.056	1
Endrin ketone	8081	0.0067 U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0067	0.056	1
gamma-BHC (Lindane)	8081	0.0027 U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0027	0.056	1
Heptachlor	8081	0.0016 J3RU	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0016	0.056	1
Heptachlor epoxide	8081	0.0016 U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.0016	0.056	1
Methoxychlor	8081	0.002 J3U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.002	0.056	1
Toxaphene	8081	0.2 U	07/16/2009 7:36	07/13/2009 20:44	UG/L	0.2	0.56	1
2,4,5,6-tetrachloro-m-xylene(SU	8081	79.1	07/16/2009 7:36	07/13/2009 20:44	%	0.2	(45 - 125)	1
Decachlorobiphenyl(SURR)	8081	46.4	07/16/2009 7:36	07/13/2009 20:44	%	0.2	(34 - 133)	1
Dimethoate	8141	0.6 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.6	5.6	1
Disulfoton	8141	0.98 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.98	5.6	1
Famphur	8141	0.54 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.54	5.6	1
Methyl parathion	8141	0.6 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.6	5.6	1
Parathion	8141	0.53 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.53	5.6	1
Phorate	8141	1 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	1	5.6	1
Sulfotepp	8141	0.47 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.47	5.6	1
Thionazin	8141	0.56 U	07/14/2009 19:13	07/13/2009 21:43	UG/L	0.56	5.6	1
TPP-Triphenylphosphate(SURR)	8141	62.9	07/14/2009 19:13	07/13/2009 21:43	%	0.56	(60 - 130)	1
2,4,5-T	8151	0.12 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.12	0.57	1
2,4,5-TP (Silvex)	8151	0.043 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.043	0.57	1
2,4'-D	8151	0.17 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.17	0.57	1
2,4-DB	8151	0.34 J3RU	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.34	0.34	1
Dalapon	8151	0.42 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.42	0.71	1
Dicamba	8151	0.039 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.039	0.57	1
Dichloroprop	8151	0.2 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.2	0.57	1
Dinoseb	8151	0.064 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	0.064	0.57	1
MCPA	8151	20 J3RU	07/14/2009 15:28	07/10/2009 9:50	UG/L	20	57	1
MCPP	8151	10 U	07/14/2009 15:28	07/10/2009 9:50	UG/L	10	57	1
DCAA(SURR)	8151	100	07/14/2009 15:28	07/10/2009 9:50	%	10	(54 - 103)	1
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 12:45		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 12:45		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 12:45		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 12:45		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 12:45		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 12:45		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 12:45		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 12:45		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 12:45		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 12:45		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 12:45		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 12:45		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 12:45		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 12:45		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 12:45		UG/L	0.95	5	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 12:45		UG/L	0.61	5	1
Acetone	8260	6.2 I	07/09/2009 12:45		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 12:45		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 12:45		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 12:45		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 12:45		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 12:45		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 12:45		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 12:45		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 12:45		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 12:45		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 12:45		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 12:45		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 12:45		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 12:45		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 12:45		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 12:45		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 12:45		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 12:45		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 12:45		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 12:45		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 12:45		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 12:45		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 12:45		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 12:45		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 12:45		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 12:45		UG/L	0.74	5	1
Methylene chloride	8260	0.52 U	07/09/2009 12:45		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 12:45		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 12:45		UG/L	0.2	1	1
Tetrachloroethene	8260	0.35 U	07/09/2009 12:45		UG/L	0.35	1	1
Toluene	8260	0.31 I	07/09/2009 12:45		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 12:45		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 12:45		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 12:45		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 12:45		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 12:45		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 12:45		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 12:45		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	109	07/09/2009 12:45		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	105	07/09/2009 12:45		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	106	07/09/2009 12:45		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	106	07/09/2009 12:45		%	0.27	(88 - 110)	1
0,0,0-Triethylphosphorothioate	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
1,2,4,5-Tetrachlorobenzene	8270	2.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,2,4-Trichlorobenzene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
1,2-Dichlorobenzene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
1,3,5-Trinitrobenzene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	23.2	1
1,3-Dichlorobenzene	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
1,3-Dinitrobenzene	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	23.2	1
1,4-Dichlorobenzene	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
1,4-Naphthoquinone	8270	3.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.6	4.6	1
1-Naphthylamine	8270	2.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.1	11.6	1
2,2-Oxybis(1-chloropropane)	8270	3.8 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.8	4.6	1
2,3,4,6-Tetrachlorophenol	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
2,4,5-Trichlorophenol	8270	4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4	4.6	1
2,4,6-Trichlorophenol	8270	4.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.2	4.6	1
2,4-Dichlorophenol	8270	3.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.6	4.6	1
2,4-Dimethylphenol	8270	2.7 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.7	4.6	1
2,4-Dinitrophenol	8270	6.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	6.5	23.2	1
2,4-Dinitrotoluene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
2,6-Dichlorophenol	8270	4.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.1	4.6	1
2,6-Dinitrotoluene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
2-Acetylaminofluorene	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
2-Chloronaphthalene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
2-Chlorophenol	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
2-Methyl-4,6-dinitrophenol	8270	3.8 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.8	23.2	1
2-Methylnaphthalene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
2-Methylphenol (o-Cresol)	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
2-Naphthylamine	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
2-Nitroaniline	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
2-Nitrophenol	8270	4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4	4.6	1
2-Picoline	8270	2.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.2	23.2	1
3,3'-Dichlorobenzidine	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
3,3'-Dimethylbenzidine	8270	7 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	7	23.2	1
3-Methylcholanthrene	8270	2.6 J3MU	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1
3-Nitroaniline	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
4-Aminobiphenyl	8270	2.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1
4-Bromophenyl-phenylether	8270	2.7 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.7	4.6	1
4-Chloro-3-methylphenol	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
4-Chloroaniline	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
4-Chlorophenyl-phenylether	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
4-Methylphenol	8270	7.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	7.1	11.6	1
4-Nitroaniline	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
4-Nitrophenol	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	11.6	1
4-Nitroquinoline-1-oxide	8270	4.3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.3	23.2	1
5-Nitro-o-toluidine	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
7,12-Dimethylbenz(a)anthracene	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
a,a-Dimethylphenethylamine	8270	18.6 J3U	07/09/2009 19:16	07/09/2009 9:18	UG/L	18.6	18.6	1
Acenaphthene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Acenaphthylene	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
Acetophenone	8270	4.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.6	4.6	1
Aniline	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Anthracene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Aramite	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
Benzo(a)anthracene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Benzo(a)pyrene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Benzo(b)fluoranthene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Benzo(g,h,i)perylene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Benzo(k)fluoranthene	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
Benzyl alcohol	8270	3.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.6	11.6	1
Bis(2-Chloroethoxy)methane	8270	4.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.1	4.6	1
Bis(2-Chloroethyl)ether	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
bis(2-ethylhexyl)phthalate	8270	5.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	5.1	5.8	1
Butylbenzylphthalate	8270	3.5 J3U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
Chlorobenzilate	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
Chrysene	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
Diallate (Avadex)	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Dibenz(a,h)anthracene	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
Dibenzofuran	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
Diethylphthalate	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Dimethyl-phthalate	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
Di-n-butylphthalate	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
Di-n-octylphthalate	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Ethyl methanesulfonate	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
Fluoranthene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Fluorene	8270	3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
Hexachlorobenzene	8270	0.48 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	0.48	4.6	1
Hexachlorobutadiene	8270	2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
Hexachlorocyclopentadiene	8270	2.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1
Hexachloroethane	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Hexachloropropene	8270	2.3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.3	4.6	1
Indeno(1,2,3-cd)pyrene	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Isodrin	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Isophorone	8270	4.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.4	4.6	1
Isosafrole	8270	3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	4.6	1
Kepone	8270	18.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	18.6	23.2	1
Methapyriline	8270	4.3 J3U	07/09/2009 19:16	07/09/2009 9:18	UG/L	4.3	4.6	1
Methylmethanesulfonate	8270	2.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.2	23.2	1
Naphthalene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Nitrobenzene	8270	3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
N-Nitrosodibutylamine	8270	3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
N-Nitrosodiethylamine	8270	3.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.6	4.6	1
N-Nitrosodimethylamine	8270	2.6 J3U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1
N-Nitroso-di-n-propylamine	8270	3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301801

Client ID : MW-17

Matrix : W

Collection Information:

Sample Date: 7/7/2009 1:28:00 PM

Parameter	Method		Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
N-Nitrosodiphenylamine	8270		4 J3MU	07/09/2009 19:16	07/09/2009 9:18	UG/L	4	4.6	1
N-Nitrosomethylethylamine	8270		3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
N-Nitrosomorpholine	8270		3.5 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.5	4.6	1
N-Nitrosopiperidine	8270		3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
N-Nitrosopyrrolidine	8270		3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
o-Toluidine	8270		3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
p-Dimethylaminoazobenzene	8270		2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	4.6	1
Pentachlorobenzene	8270		2.6 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.6	4.6	1
Pentachloroethane	8270		2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	23.2	1
Pentachloronitrobenzene(PCNB)	8270		2.8 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.8	4.6	1
Pentachlorophenol	8270		3 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3	23.2	1
Phenacetin	8270		3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	4.6	1
Phenanthrene	8270		3.2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.2	4.6	1
Phenol	8270		2 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2	23.2	1
p-Phenylenediamine	8270		3.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.1	23.2	1
Pronamide	8270		2.1 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.1	4.6	1
Pyrene	8270		3.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	3.4	4.6	1
Pyridine	8270		2.4 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.4	4.6	1
Safrole	8270		2.9 U	07/09/2009 19:16	07/09/2009 9:18	UG/L	2.9	11.6	1
2,4,6-Tribromophenol(SURR)	8270		90.9	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(10 - 122)	1
2-Fluorobiphenyl(SURR)	8270		77	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(43 - 116)	1
2-Fluorophenol(SURR)	8270		62.9	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(21 - 120)	1
Nitrobenzene-d5(SURR)	8270		91.4	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(35 - 114)	1
Phenol-d5(SURR)	8270		43.5	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(10 - 94)	1
p-Terphenyl-d14(SURR)	8270		71.2	07/09/2009 19:16	07/09/2009 9:18	%	2.9	(33 - 141)	1
cyanide	9012	@@@@@@	0.01 ND	07/13/2009 16:09	07/13/2009 11:21	MG/L	0.0077	0.01	1
nitrogen, ammonia (as n)	3M4500-NH3-B,C	@@@@@@	**15**	07/14/2009 14:21		MG/L	0.165	0.2	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301802
Client ID : TRIP BLANK
Matrix : W

Collection Information:
Sample Date: 7/7/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	8260	0.25 U	07/09/2009 13:08		UG/L	0.25	1	1
1,1,1-Trichloroethane	8260	0.19 U	07/09/2009 13:08		UG/L	0.19	1	1
1,1,2,2-Tetrachloroethane	8260	0.33 U	07/09/2009 13:08		UG/L	0.33	1	1
1,1,2-Trichloroethane	8260	0.28 U	07/09/2009 13:08		UG/L	0.28	1	1
1,1-Dichloroethane	8260	0.28 U	07/09/2009 13:08		UG/L	0.28	1	1
1,1-Dichloroethene	8260	0.24 U	07/09/2009 13:08		UG/L	0.24	1	1
1,2,3-Trichloropropane	8260	0.76 U	07/09/2009 13:08		UG/L	0.76	1	1
1,2-Dibromo-3-chloropropane	8260	1.4 U	07/09/2009 13:08		UG/L	1.4	2	1
1,2-Dibromoethane(EDB)	8260	0.33 U	07/09/2009 13:08		UG/L	0.33	1	1
1,2-Dichloroethane	8260	0.4 U	07/09/2009 13:08		UG/L	0.4	1	1
1,2-Dichloropropane	8260	0.27 U	07/09/2009 13:08		UG/L	0.27	1	1
1,4 Dioxane	8260	16 J3MU	07/09/2009 13:08		UG/L	16	40	1
1,4-Dichloro-2-butene	8260	1.9 U	07/09/2009 13:08		UG/L	1.9	10	1
2-Butanone	8260	4 U	07/09/2009 13:08		UG/L	4	4	1
2-Hexanone	8260	0.95 U	07/09/2009 13:08		UG/L	0.95	5	1
4-Methyl-2-pentanone	8260	0.61 U	07/09/2009 13:08		UG/L	0.61	5	1
Acetone	8260	5.6 U	07/09/2009 13:08		UG/L	5.6	10	1
Acetonitrile	8260	5 U	07/09/2009 13:08		UG/L	5	10	1
Acrolein	8260	3.3 U	07/09/2009 13:08		UG/L	3.3	10	1
Acrylonitrile	8260	1.3 U	07/09/2009 13:08		UG/L	1.3	4	1
Allyl chloride	8260	0.9 U	07/09/2009 13:08		UG/L	0.9	1	1
Benzene	8260	0.16 U	07/09/2009 13:08		UG/L	0.16	1	1
Bromodichloromethane	8260	0.15 U	07/09/2009 13:08		UG/L	0.15	1	1
Bromoform	8260	0.36 U	07/09/2009 13:08		UG/L	0.36	1	1
Bromomethane	8260	0.76 U	07/09/2009 13:08		UG/L	0.76	1	1
Carbon disulfide	8260	0.29 U	07/09/2009 13:08		UG/L	0.29	1	1
Carbon tetrachloride	8260	0.33 U	07/09/2009 13:08		UG/L	0.33	1	1
Chlorobenzene	8260	0.18 U	07/09/2009 13:08		UG/L	0.18	1	1
Chloroethane	8260	0.99 U	07/09/2009 13:08		UG/L	0.99	1	1
Chloroform	8260	0.29 U	07/09/2009 13:08		UG/L	0.29	1	1
Chloromethane	8260	0.68 U	07/09/2009 13:08		UG/L	0.68	1	1
Chloroprene	8260	0.2 U	07/09/2009 13:08		UG/L	0.2	1	1
cis-1,3-Dichloropropene	8260	0.23 U	07/09/2009 13:08		UG/L	0.23	1	1
Dibromochloromethane	8260	0.34 U	07/09/2009 13:08		UG/L	0.34	1	1
Dibromomethane	8260	0.53 U	07/09/2009 13:08		UG/L	0.53	1	1
Dichlorodifluoromethane	8260	0.23 U	07/09/2009 13:08		UG/L	0.23	1	1
Ethyl methacrylate	8260	0.35 U	07/09/2009 13:08		UG/L	0.35	1	1
Ethylbenzene	8260	0.43 U	07/09/2009 13:08		UG/L	0.43	1	1
Isobutyl alcohol	8260	11 U	07/09/2009 13:08		UG/L	11	80	1
Methacrylonitrile	8260	1.6 U	07/09/2009 13:08		UG/L	1.6	10	1
Methyl iodide	8260	0.4 U	07/09/2009 13:08		UG/L	0.4	1	1
Methyl methacrylate	8260	0.74 U	07/09/2009 13:08		UG/L	0.74	5	1
Methylene chloride	8260	0.52 U	07/09/2009 13:08		UG/L	0.52	1	1
Propionitrile	8260	7.5 U	07/09/2009 13:08		UG/L	7.5	10	1
Styrene	8260	0.2 U	07/09/2009 13:08		UG/L	0.2	1	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301802
Client ID : TRIP BLANK
Matrix : W

Collection Information:
Sample Date: 7/7/2009

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Tetrachloroethene	8260	0.35 U	07/09/2009 13:08		UG/L	0.35	1	1
Toluene	8260	0.22 U	07/09/2009 13:08		UG/L	0.22	1	1
trans-1,2-Dichloroethene	8260	0.23 U	07/09/2009 13:08		UG/L	0.23	1	1
trans-1,3-Dichloropropene	8260	0.17 U	07/09/2009 13:08		UG/L	0.17	1	1
Trichloroethene	8260	0.42 U	07/09/2009 13:08		UG/L	0.42	1	1
Trichlorofluoromethane	8260	0.45 U	07/09/2009 13:08		UG/L	0.45	1	1
Vinyl acetate	8260	0.36 U	07/09/2009 13:08		UG/L	0.36	2	1
Vinyl chloride	8260	0.28 U	07/09/2009 13:08		UG/L	0.28	1	1
Xylene (total)	8260	0.27 U	07/09/2009 13:08		UG/L	0.27	2	1
1,2-Dichloroethane-d4(SURR)	8260	106	07/09/2009 13:08		%	0.27	(80 - 120)	1
4-Bromofluorobenzene(SURR)	8260	104	07/09/2009 13:08		%	0.27	(86 - 115)	1
Dibromofluoromethane(SURR)	8260	107	07/09/2009 13:08		%	0.27	(86 - 118)	1
Toluene d8(SURR)	8260	106	07/09/2009 13:08		%	0.27	(88 - 110)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301803
Client ID : MW-19
Matrix : W

Collection Information:
Sample Date: 7/7/2009 3:55:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Nitrate	300.1	0.013 U	(†) 07/09/2009 3:19		MG/L	0.013	0.1	1
DCA(SURR)	300.1	102	(†) 07/09/2009 3:19		%	0.013	(90 - 115)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

PEL Lab# : 251301804
Client ID : MW-20
Matrix : W

Collection Information:
Sample Date: 7/7/2009 3:07:00 PM

Parameter	Method	Results	Analysis Date	Prep Date	Units	MDL	RL	Dilution Factor
Nitrate	300.1	0.013 U	(†) 07/09/2009 3:46		MG/L	0.013	0.1	1
DCA(SURR)	300.1	104	(†) 07/09/2009 3:46		%	0.013	(90 - 115)	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

QC SUMMARY

METHOD: 300.1

Method Blank 070809MB **Matrix :** WQ

Associated Lab Samples : 070809LCS 070809LCSD 070809MB 251301801 251301803 251301804

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Nitrate	U	7/8/2009		MG/L	0.013	1
Sulfate	U	7/8/2009		MG/L	0.062	1
DCA(SURR) (S)	104	7/8/2009		%	(90 - 115)	1

Method Blank 070909MB **Matrix :** WQ

Associated Lab Samples : 070909LCS 070909LCSD 070909MB 251301801DL1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Chloride	0.85 I	7/9/2009		MG/L	1	1
DCA(SURR) (S)	102	7/9/2009		%	(90 - 115)	1

LABORATORY CONTROL SAMPLE: 070809LCS **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Nitrate	MG/L	1	0.99	99	(75-125)		
Sulfate	MG/L	8	8.2	102.5	(75-125)		
DCA(SURR) (S)	MG/L	5	5.1	102	(90-115)		

LABORATORY CONTROL SAMPLE: 070809LCSD **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Nitrate	MG/L	1	1	100	(75-125)	1	20
Sulfate	MG/L	8	8.1	101.2	(75-125)	1.2	20
DCA(SURR) (S)	MG/L	5	5.1	102	(90-115)		

LABORATORY CONTROL SAMPLE: 070909LCS **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.4	92.5	(75-125)		
DCA(SURR) (S)	MG/L	5	5.2	104	(90-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 300.1

LABORATORY CONTROL SAMPLE: 070909LCSD **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Chloride	MG/L	8	7.3	91.2	(75-125)	1.4	20
DCA(SURR) (S)	MG/L	5	5	100	(90-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 6010

Method Blank 288244 **Matrix :** WQ

Associated Lab Samples : 251301801 288244 288244R1 288245 288245R1 288246 288246R1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Aluminum	17.2 I	7/14/2009	7/9/2009	UG/L	100	1
Antimony	U	7/14/2009	7/9/2009	UG/L	3.3	1
Arsenic	U	7/14/2009	7/9/2009	UG/L	3.31	1
Barium	U	7/14/2009	7/9/2009	UG/L	0.22	1
Beryllium	U	7/14/2009	7/9/2009	UG/L	0.12	1
Cadmium	U	7/14/2009	7/9/2009	UG/L	0.72	1
Calcium	115	7/14/2009	7/9/2009	UG/L	100	1
Chromium	U	7/14/2009	7/9/2009	UG/L	0.43	1
Cobalt	U	7/14/2009	7/9/2009	UG/L	0.37	1
Copper	U	7/14/2009	7/9/2009	UG/L	2.7	1
Iron	U	7/14/2009	7/9/2009	UG/L	5.5	1
Lead	U	7/14/2009	7/9/2009	UG/L	3.7	1
Magnesium	U	7/14/2009	7/9/2009	UG/L	9.8	1
Manganese	U	7/14/2009	7/9/2009	UG/L	0.35	1
Nickel	U	7/14/2009	7/9/2009	UG/L	0.71	1
Potassium	U	7/14/2009	7/9/2009	UG/L	71.7	1
Selenium	U	7/14/2009	7/9/2009	UG/L	3.5	1
Silver	U	7/14/2009	7/9/2009	UG/L	0.51	1
Sodium	U	7/14/2009	7/9/2009	UG/L	180	1
Thallium	U	7/14/2009	7/9/2009	UG/L	4.4	1
Tin	U	7/14/2009	7/9/2009	UG/L	3.9	1
Vanadium	U	7/14/2009	7/9/2009	UG/L	0.44	1

Method Blank 288244R1 **Matrix :** WQ

Associated Lab Samples : 251301801 288244 288244R1 288245 288245R1 288246 288246R1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Zinc	U	7/15/2009	7/9/2009	UG/L	4	1

LABORATORY CONTROL SAMPLE: 288245 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	42100	84.2	(80-120)		
Antimony	UG/L	500	454	90.8	(80-120)		
Arsenic	UG/L	500	451	90.2	(80-120)		
Barium	UG/L	1500	1340	89.3	(80-120)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 6010

LABORATORY CONTROL SAMPLE: 288245 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Beryllium	UG/L	500	452	90.4	(80-120)		
Cadmium	UG/L	500	455	91	(80-120)		
Calcium	UG/L	50000	42200	84.4	(80-120)		
Chromium	UG/L	500	430	86	(80-120)		
Cobalt	UG/L	500	444	88.8	(80-120)		
Copper	UG/L	500	441	88.2	(80-120)		
Iron	UG/L	50000	43500	87	(80-120)		
Lead	UG/L	500	469	93.8	(80-120)		
Magnesium	UG/L	50000	42900	85.8	(80-120)		
Manganese	UG/L	500	445	89	(80-120)		
Nickel	UG/L	500	440	88	(80-120)		
Potassium	UG/L	50000	44000	88	(80-120)		
Selenium	UG/L	500	463	92.6	(80-120)		
Silver	UG/L	200	185	92.5	(80-120)		
Sodium	UG/L	50000	43600	87.2	(80-120)		
Thallium	UG/L	500	464	92.8	(80-120)		
Tin	UG/L	500	465	93	(80-120)		
Vanadium	UG/L	500	458	91.6	(80-120)		

LABORATORY CONTROL SAMPLE: 288245R1 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Zinc	UG/L	500	489	97.8	(80-120)		

LABORATORY CONTROL SAMPLE: 288246 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Aluminum	UG/L	50000	43800	87.6	(80-120)	4	20
Antimony	UG/L	500	473	94.6	(80-120)	4.1	20
Arsenic	UG/L	500	463	92.6	(80-120)	2.6	20
Barium	UG/L	1500	1380	92	(80-120)	2.9	20
Beryllium	UG/L	500	469	93.8	(80-120)	3.7	20
Cadmium	UG/L	500	474	94.8	(80-120)	4.1	20
Calcium	UG/L	50000	43600	87.2	(80-120)	3.3	20
Chromium	UG/L	500	444	88.8	(80-120)	3.2	20
Cobalt	UG/L	500	456	91.2	(80-120)	2.7	20
Copper	UG/L	500	454	90.8	(80-120)	2.9	20
Iron	UG/L	50000	45000	90	(80-120)	3.4	20
Lead	UG/L	500	483	96.6	(80-120)	2.9	20
Magnesium	UG/L	50000	44500	89	(80-120)	3.7	20
Manganese	UG/L	500	461	92.2	(80-120)	3.5	20
Nickel	UG/L	500	457	91.4	(80-120)	3.8	20
Potassium	UG/L	50000	45400	90.8	(80-120)	3.1	20
Selenium	UG/L	500	477	95.4	(80-120)	3	20
Silver	UG/L	200	188	94	(80-120)	1.6	20
Sodium	UG/L	50000	44600	89.2	(80-120)	2.3	20
Thallium	UG/L	500	480	96	(80-120)	3.4	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 6010

LABORATORY CONTROL SAMPLE: 288246 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Tin	UG/L	500	481	96.2	(80-120)	3.4	20
Vanadium	UG/L	500	472	94.4	(80-120)	3	20

LABORATORY CONTROL SAMPLE: 288246R1 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Zinc	UG/L	500	494	98.8	(80-120)	1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 7470

Method Blank 288234 **Matrix :** WQ

Associated Lab Samples : 251301801 288234 288235 288236

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Mercury	U	7/13/2009	7/9/2009	UG/L	0.037	1

LABORATORY CONTROL SAMPLE: 288235 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	2.94	98	(80-120)		

LABORATORY CONTROL SAMPLE: 288236 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Mercury	UG/L	3	2.8	93.3	(80-120)	4.9	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8011

Method Blank 288587 **Matrix :** WQ

Associated Lab Samples : 251301801 288587 288588 288589

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,2-Dibromoethane(EDB)	U	7/16/2009	7/15/2009	UG/L	0.00608	1
1,1,2,2-Tetrachloroethane(SURR	91.7	7/16/2009	7/15/2009	%	(70 - 130)	1

LABORATORY CONTROL SAMPLE: 288588 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.11	91.7	(60-140)		
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.26	108	(70-130)		

LABORATORY CONTROL SAMPLE: 288589 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,2-Dibromoethane(EDB)	UG/L	0.12	0.12	100	(60-140)	8.7	10
1,1,2,2-Tetrachloroethane(SURR	UG/L	0.24	0.25	104	(70-130)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8081

Method Blank 288397 **Matrix :** WQ

Associated Lab Samples : 251301801 288397 288398 288399 288400

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4,4'-DDD	U	7/16/2009	7/13/2009	UG/L	0.0026	1
4,4'-DDE	U	7/16/2009	7/13/2009	UG/L	0.0038	1
4,4'-DDT	U	7/16/2009	7/13/2009	UG/L	0.0011	1
Aldrin	U	7/16/2009	7/13/2009	UG/L	0.00084	1
alpha-BHC	U	7/16/2009	7/13/2009	UG/L	0.003	1
beta-BHC	U	7/16/2009	7/13/2009	UG/L	0.0012	1
Chlordane	U	7/16/2009	7/13/2009	UG/L	0.05	1
delta-BHC	U	7/16/2009	7/13/2009	UG/L	0.003	1
Dieldrin	U	7/16/2009	7/13/2009	UG/L	0.0027	1
Endosulfan I	J3U	7/16/2009	7/13/2009	UG/L	0.0043	1
Endosulfan II	J3RU	7/16/2009	7/13/2009	UG/L	0.0016	1
Endosulfan sulfate	J3RU	7/16/2009	7/13/2009	UG/L	0.001	1
Endrin	U	7/16/2009	7/13/2009	UG/L	0.0018	1
Endrin aldehyde	U	7/16/2009	7/13/2009	UG/L	0.0015	1
Endrin ketone	U	7/16/2009	7/13/2009	UG/L	0.006	1
gamma-BHC (Lindane)	U	7/16/2009	7/13/2009	UG/L	0.0024	1
Heptachlor	0.04 J3R I	7/16/2009	7/13/2009	UG/L	0.05	1
Heptachlor epoxide	U	7/16/2009	7/13/2009	UG/L	0.0014	1
Methoxychlor	J3U	7/16/2009	7/13/2009	UG/L	0.0018	1
Toxaphene	U	7/16/2009	7/13/2009	UG/L	0.18	1
2,4,5,6-tetrachloro-m-xylene(SU	80	7/16/2009	7/13/2009	%	(45 - 125)	1
Decachlorobiphenyl(SURR) (S)	83	7/16/2009	7/13/2009	%	(34 - 133)	1

LABORATORY CONTROL SAMPLE: 288398 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.49	98	(81-126)		
4,4'-DDE	UG/L	0.5	0.44	88	(73-114)		
4,4'-DDT	UG/L	0.5	0.48	96	(64-125)		
Aldrin	UG/L	0.5	0.41	82	(65-101)		
alpha-BHC	UG/L	0.5	0.48	96	(68-107)		
beta-BHC	UG/L	0.5	0.46	92	(72-107)		
delta-BHC	UG/L	0.5	0.47	94	(70-113)		
Dieldrin	UG/L	0.5	0.45	90	(73-109)		
Endosulfan I	UG/L	0.5	0.45	90	(78-102)		
Endosulfan II	UG/L	0.5	0.47	94	(79-113)		
Endosulfan sulfate	UG/L	0.5	0.46	92	(73-123)		
Endrin	UG/L	0.5	0.48	96	(75-119)		
Endrin aldehyde	UG/L	0.5	0.42	84	(13-137)		
Endrin ketone	UG/L	0.5	0.46	92	(76-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8081

LABORATORY CONTROL SAMPLE: 288398 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
gamma-BHC (Lindane)	UG/L	0.5	0.46	92		(69-109)		
Heptachlor	UG/L	0.5	0.44	88		(64-108)		
Heptachlor epoxide	UG/L	0.5	0.45	90		(72-115)		
Methoxychlor	UG/L	0.5	0.47	94		(84-155)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.94	94		(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.82	82		(34-133)		

LABORATORY CONTROL SAMPLE: 288399 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
4,4'-DDD	UG/L	0.5	0.41	82		(81-126)	17.8	18
4,4'-DDE	UG/L	0.5	0.37	74		(73-114)	17.3	20
4,4'-DDT	UG/L	0.5	0.4	80		(64-125)	18.2	20
Aldrin	UG/L	0.5	0.34	68		(65-101)	18.7	20
alpha-BHC	UG/L	0.5	0.41	82		(68-107)	15.7	20
beta-BHC	UG/L	0.5	0.39	78		(72-107)	16.5	20
delta-BHC	UG/L	0.5	0.4	80		(70-113)	16.1	20
Dieldrin	UG/L	0.5	0.38	76		(73-109)	16.9	20
Endosulfan I	UG/L	0.5	0.38	76	*	(78-102)	16.9 *	10
Endosulfan II	UG/L	0.5	0.4	80		(79-113)	16.1 *	13
Endosulfan sulfate	UG/L	0.5	0.38	76		(73-123)	19 *	16
Endrin	UG/L	0.5	0.4	80		(75-119)	18.2	20
Endrin aldehyde	UG/L	0.5	0.35	70		(13-137)	18.2	20
Endrin ketone	UG/L	0.5	0.38	76		(76-115)	19	20
gamma-BHC (Lindane)	UG/L	0.5	0.4	80		(69-109)	14	17
Heptachlor	UG/L	0.5	0.38	76		(64-108)	14.6 *	13
Heptachlor epoxide	UG/L	0.5	0.38	76		(72-115)	16.9	20
Methoxychlor	UG/L	0.5	0.39	78	*	(84-155)	18.6	19
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.75	75		(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.66	66		(34-133)		

LABORATORY CONTROL SAMPLE: 288400 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Toxaphene	UG/L	10	6.8	68		(48-100)		
2,4,5,6-tetrachloro-m-xylene(SU	UG/L	1	0.87	87		(45-125)		
Decachlorobiphenyl(SURR) (S)	UG/L	1	0.79	79		(34-133)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8141

Method Blank 288404 **Matrix :** WQ

Associated Lab Samples : 251301801 288404 288405 288406

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Dimethoate	U	7/14/2009	7/13/2009	UG/L	0.54	1
Disulfoton	U	7/14/2009	7/13/2009	UG/L	0.88	1
Famphur	U	7/14/2009	7/13/2009	UG/L	0.49	1
Methyl parathion	U	7/14/2009	7/13/2009	UG/L	0.54	1
Parathion	U	7/14/2009	7/13/2009	UG/L	0.48	1
Phorate	U	7/14/2009	7/13/2009	UG/L	0.95	1
Sulfotepp	U	7/14/2009	7/13/2009	UG/L	0.42	1
Thionazin	U	7/14/2009	7/13/2009	UG/L	0.5	1
TPP-Triphenylphosphate(SURR)	68	7/14/2009	7/13/2009	%	(60 - 130)	1

LABORATORY CONTROL SAMPLE: 288405 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	21	84	(56-139)		
Disulfoton	UG/L	25	22	88	(61-129)		
Famphur	UG/L	25	21	84	(58-145)		
Methyl parathion	UG/L	25	20	80	(33-178)		
Parathion	UG/L	25	21	84	(56-133)		
Phorate	UG/L	25	24	96	(61-125)		
Sulfotepp	UG/L	25	22	88	(60-130)		
Thionazin	UG/L	25	20	80	(59-135)		
TPP-Triphenylphosphate(SURR)	UG/L	50	38	76	(60-130)		

LABORATORY CONTROL SAMPLE: 288406 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Dimethoate	UG/L	25	23	92	(56-139)	9.1	20
Disulfoton	UG/L	25	24	96	(61-129)	8.7	20
Famphur	UG/L	25	23	92	(58-145)	9.1	20
Methyl parathion	UG/L	25	22	88	(33-178)	9.5	20
Parathion	UG/L	25	23	92	(56-133)	9.1	20
Phorate	UG/L	25	26	104	(61-125)	8	20
Sulfotepp	UG/L	25	25	100	(60-130)	12.8	20
Thionazin	UG/L	25	23	92	(59-135)	14	20
TPP-Triphenylphosphate(SURR)	UG/L	50	37	74	(60-130)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8151

Method Blank 288265 **Matrix :** WQ

Associated Lab Samples : 251301801 288265 288266 288267

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
2,4,5-T	U	7/14/2009	7/10/2009	UG/L	0.11	1
2,4,5-TP (Silvex)	U	7/14/2009	7/10/2009	UG/L	0.038	1
2,4'-D	U	7/14/2009	7/10/2009	UG/L	0.15	1
2,4-DB	J3RU	7/14/2009	7/10/2009	UG/L	0.3	1
Dalapon	U	7/14/2009	7/10/2009	UG/L	0.37	1
Dicamba	U	7/14/2009	7/10/2009	UG/L	0.034	1
Dichloroprop	U	7/14/2009	7/10/2009	UG/L	0.18	1
Dinoseb	U	7/14/2009	7/10/2009	UG/L	0.056	1
MCPA	J3RU	7/14/2009	7/10/2009	UG/L	18	1
MCPP	U	7/14/2009	7/10/2009	UG/L	9.3	1
DCAA(SURR) (S)	96	7/14/2009	7/10/2009	%	(54 - 103)	1

LABORATORY CONTROL SAMPLE: 288266 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.82	82	(69-108)		
2,4,5-TP (Silvex)	UG/L	1	0.89	89	(64-122)		
2,4'-D	UG/L	1	1	100	(72-127)		
2,4-DB	UG/L	1	1.4	140	(59-141)		
Dalapon	UG/L	2.5	1.6	64	(28-102)		
Dicamba	UG/L	1	0.82	82	(67-122)		
Dichloroprop	UG/L	1	1	100	(62-149)		
Dinoseb	UG/L	1	0.71	71	(31-116)		
MCPA	UG/L	100	56.9	56.9	(30-156)		
MCPP	UG/L	100	69.9	69.9	(36-158)		
DCAA(SURR) (S)	UG/L	2.5	2.1	84	(54-103)		

LABORATORY CONTROL SAMPLE: 288267 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
2,4,5-T	UG/L	1	0.9	90	(69-108)	9.3	18
2,4,5-TP (Silvex)	UG/L	1	0.98	98	(64-122)	9.6	20
2,4'-D	UG/L	1	1.1	110	(72-127)	9.5	20
2,4-DB	UG/L	1	1.1	110	(59-141)	24 *	20
Dalapon	UG/L	2.5	1.9	76	(28-102)	17.1	20
Dicamba	UG/L	1	0.94	94	(67-122)	13.6	20
Dichloroprop	UG/L	1	1.2	120	(62-149)	18.2	20
Dinoseb	UG/L	1	0.83	83	(31-116)	15.6	20
MCPA	UG/L	100	83	83	(30-156)	37.3 *	20
MCPP	UG/L	100	81	81	(36-158)	14.7	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8151

LABORATORY CONTROL SAMPLE: 288267 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
DCAA(SURR) (S)	UG/L	2.5	2.4	96	(54-103)		

- CERTIFICATE OF ANALYSIS -

ACCREDITED IN ACCORDANCE WITH nelac **FLDOH #E84207**

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8260

Method Blank 070909BLKA32 **Matrix :** WQ

Associated Lab Samples : 070909BLKA32 070909LCSA32 070909LCSA32D 251301801 251301802

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
1,1,1,2-Tetrachloroethane	U	7/9/2009		UG/L	0.25	1
1,1,1-Trichloroethane	U	7/9/2009		UG/L	0.19	1
1,1,2,2-Tetrachloroethane	U	7/9/2009		UG/L	0.33	1
1,1,2-Trichloroethane	U	7/9/2009		UG/L	0.28	1
1,1-Dichloroethane	U	7/9/2009		UG/L	0.28	1
1,1-Dichloroethene	U	7/9/2009		UG/L	0.24	1
1,2,3-Trichloropropane	U	7/9/2009		UG/L	0.76	1
1,2-Dibromo-3-chloropropane	U	7/9/2009		UG/L	1.4	1
1,2-Dibromoethane(EDB)	U	7/9/2009		UG/L	0.33	1
1,2-Dichloroethane	U	7/9/2009		UG/L	0.4	1
1,2-Dichloropropane	U	7/9/2009		UG/L	0.27	1
1,4 Dioxane	J3MU	7/9/2009		UG/L	16	1
1,4-Dichloro-2-butene	U	7/9/2009		UG/L	1.9	1
2-Butanone	U	7/9/2009		UG/L	4	1
2-Hexanone	U	7/9/2009		UG/L	0.95	1
4-Methyl-2-pentanone	U	7/9/2009		UG/L	0.61	1
Acetone	U	7/9/2009		UG/L	5.6	1
Acetonitrile	U	7/9/2009		UG/L	5	1
Acrolein	U	7/9/2009		UG/L	3.3	1
Acrylonitrile	U	7/9/2009		UG/L	1.3	1
Allyl chloride	U	7/9/2009		UG/L	0.9	1
Benzene	U	7/9/2009		UG/L	0.16	1
Bromodichloromethane	U	7/9/2009		UG/L	0.15	1
Bromoform	U	7/9/2009		UG/L	0.36	1
Bromomethane	U	7/9/2009		UG/L	0.76	1
Carbon disulfide	U	7/9/2009		UG/L	0.29	1
Carbon tetrachloride	U	7/9/2009		UG/L	0.33	1
Chlorobenzene	U	7/9/2009		UG/L	0.18	1
Chloroethane	U	7/9/2009		UG/L	0.99	1
Chloroform	U	7/9/2009		UG/L	0.29	1
Chloromethane	U	7/9/2009		UG/L	0.68	1
Chloroprene	U	7/9/2009		UG/L	0.2	1
cis-1,3-Dichloropropene	U	7/9/2009		UG/L	0.23	1
Dibromochloromethane	U	7/9/2009		UG/L	0.34	1
Dibromomethane	U	7/9/2009		UG/L	0.53	1
Dichlorodifluoromethane	U	7/9/2009		UG/L	0.23	1
Ethyl methacrylate	U	7/9/2009		UG/L	0.35	1
Ethylbenzene	U	7/9/2009		UG/L	0.43	1
Isobutyl alcohol	U	7/9/2009		UG/L	11	1
Methacrylonitrile	U	7/9/2009		UG/L	1.6	1
Methyl iodide	U	7/9/2009		UG/L	0.4	1
Methyl methacrylate	U	7/9/2009		UG/L	0.74	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8260

Method Blank 070909BLKA32 **Matrix :** WQ

Associated Lab Samples : 070909BLKA32 070909LCSA32 070909LCSA32D 251301801 251301802

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methylene chloride	U	7/9/2009		UG/L	0.52	1
Propionitrile	U	7/9/2009		UG/L	7.5	1
Styrene	U	7/9/2009		UG/L	0.2	1
Tetrachloroethene	U	7/9/2009		UG/L	0.35	1
Toluene	U	7/9/2009		UG/L	0.22	1
trans-1,2-Dichloroethene	U	7/9/2009		UG/L	0.23	1
trans-1,3-Dichloropropene	U	7/9/2009		UG/L	0.17	1
Trichloroethene	U	7/9/2009		UG/L	0.42	1
Trichlorofluoromethane	U	7/9/2009		UG/L	0.45	1
Vinyl acetate	U	7/9/2009		UG/L	0.36	1
Vinyl chloride	U	7/9/2009		UG/L	0.28	1
Xylene (total)	U	7/9/2009		UG/L	0.27	1
1,2-Dichloroethane-d4(SURR) (S	103	7/9/2009		%	(80 - 120)	1
4-Bromofluorobenzene(SURR) (	100	7/9/2009		%	(86 - 115)	1
Dibromofluoromethane(SURR) (	104	7/9/2009		%	(86 - 118)	1
Toluene d8(SURR) (S)	104	7/9/2009		%	(88 - 110)	1

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	21.3	106	(75-133)		
1,1,1-Trichloroethane	UG/L	20	21.5	108	(79-123)		
1,1,2,2-Tetrachloroethane	UG/L	20	19.2	96	(84-113)		
1,1,2-Trichloroethane	UG/L	20	19.7	98.5	(80-117)		
1,1-Dichloroethane	UG/L	20	20.8	104	(76-118)		
1,1-Dichloroethene	UG/L	20	20.8	104	(81-119)		
1,2,3-Trichloropropane	UG/L	20	20.5	102	(84-119)		
1,2-Dibromo-3-chloropropane	UG/L	20	20.2	101	(63-130)		
1,2-Dibromoethane(EDB)	UG/L	20	20.2	101	(84-121)		
1,2-Dichloroethane	UG/L	20	21.1	106	(83-114)		
1,2-Dichloropropane	UG/L	20	20.4	102	(74-118)		
1,4 Dioxane	UG/L	400	318	79.5	(75-168)		
1,4-Dichloro-2-butene	UG/L	40	33	82.5	(62-123)		
2-Butanone	UG/L	40	43	108	(76-124)		
2-Hexanone	UG/L	40	40.8	102	(75-132)		
4-Methyl-2-pentanone	UG/L	40	42.3	106	(61-134)		
Acetone	UG/L	40	46.2	116	(45-156)		
Acetonitrile	UG/L	200	207	104	(68-125)		
Acrolein	UG/L	40	31.8	79.5	(61-125)		
Acrylonitrile	UG/L	40	43.8	110	(62-132)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
Allyl chloride	UG/L	20	20.6	103	(68-121)		
Benzene	UG/L	20	20.4	102	(71-120)		
Bromodichloromethane	UG/L	20	20.7	104	(78-117)		
Bromoform	UG/L	20	21.1	106	(71-128)		
Bromomethane	UG/L	20	19.8	99	(58-144)		
Carbon disulfide	UG/L	20	20.3	102	(65-121)		
Carbon tetrachloride	UG/L	20	22.3	112	(67-138)		
Chlorobenzene	UG/L	20	19.7	98.5	(70-130)		
Chloroethane	UG/L	20	18.9	94.5	(72-135)		
Chloroform	UG/L	20	20.6	103	(80-115)		
Chloromethane	UG/L	20	15.3	76.5	(63-124)		
Chloroprene	UG/L	20	22.4	112	(80-120)		
cis-1,3-Dichloropropene	UG/L	20	22.2	111	(63-129)		
Dibromochloromethane	UG/L	20	20.5	102	(78-123)		
Dibromomethane	UG/L	20	19.7	98.5	(75-119)		
Dichlorodifluoromethane	UG/L	20	23.2	116	(62-133)		
Ethyl methacrylate	UG/L	20	21.8	109	(72-122)		
Ethylbenzene	UG/L	20	19.9	99.5	(70-130)		
Isobutyl alcohol	UG/L	400	323	80.8	(4-173)		
Methacrylonitrile	UG/L	200	206	103	(68-121)		
Methyl iodide	UG/L	20	20.9	104	(56-133)		
Methyl methacrylate	UG/L	20	21.1	106	(73-116)		
Methylene chloride	UG/L	20	21.1	106	(75-111)		
Propionitrile	UG/L	200	199	99.5	(77-118)		
Styrene	UG/L	20	20.4	102	(70-130)		
Tetrachloroethene	UG/L	20	20.1	100	(70-130)		
Toluene	UG/L	20	21.6	108	(75-119)		
trans-1,2-Dichloroethene	UG/L	20	21.4	107	(79-121)		
trans-1,3-Dichloropropene	UG/L	20	21.8	109	(68-127)		
Trichloroethene	UG/L	20	20.8	104	(76-123)		
Trichlorofluoromethane	UG/L	20	21.6	108	(74-135)		
Vinyl acetate	UG/L	20	23.1	116	(49-136)		
Vinyl chloride	UG/L	20	21.1	106	(60-124)		
Xylene (total)	UG/L	60	61.9	103	(70-130)		
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	52.1	104	(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	51	102	(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	52.7	105	(86-118)		
Toluene d8(SURR) (S)	UG/L	50	52.9	106	(88-110)		

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1,1,2-Tetrachloroethane	UG/L	20	20.2	101	(75-133)	5.3	20
1,1,1-Trichloroethane	UG/L	20	21.3	106	(79-123)	0.9	20
1,1,2,2-Tetrachloroethane	UG/L	20	19.3	96.5	(84-113)	0.5	20
1,1,2-Trichloroethane	UG/L	20	20.5	102	(80-117)	4	20
1,1-Dichloroethane	UG/L	20	19.6	98	(76-118)	5.9	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
1,1-Dichloroethene	UG/L	20	19.6	98	(81-119)	5.9	20
1,2,3-Trichloropropane	UG/L	20	19.8	99	(84-119)	3.5	20
1,2-Dibromo-3-chloropropane	UG/L	20	19	95	(63-130)	6.1	20
1,2-Dibromoethane(EDB)	UG/L	20	19.8	99	(84-121)	2	20
1,2-Dichloroethane	UG/L	20	21.5	108	(83-114)	1.9	20
1,2-Dichloropropane	UG/L	20	20.6	103	(74-118)	1	20
1,4 Dioxane	UG/L	400	525	131	(75-168)	49.1 *	20
1,4-Dichloro-2-butene	UG/L	40	32.2	80.5	(62-123)	2.5	20
2-Butanone	UG/L	40	41.4	104	(76-124)	3.8	20
2-Hexanone	UG/L	40	37.4	93.5	(75-132)	8.7	20
4-Methyl-2-pentanone	UG/L	40	42.2	106	(61-134)	0.2	20
Acetone	UG/L	40	41.3	103	(45-156)	11.2	20
Acetonitrile	UG/L	200	207	104	(68-125)	0	20
Acrolein	UG/L	40	37.4	93.5	(61-125)	16.2	20
Acrylonitrile	UG/L	40	49	122	(62-132)	11.2	20
Allyl chloride	UG/L	20	20.6	103	(68-121)	0	20
Benzene	UG/L	20	20.6	103	(71-120)	1	20
Bromodichloromethane	UG/L	20	21	105	(78-117)	1.4	20
Bromoform	UG/L	20	19.8	99	(71-128)	6.4	20
Bromomethane	UG/L	20	20.2	101	(58-144)	2	20
Carbon disulfide	UG/L	20	20	100	(65-121)	1.5	20
Carbon tetrachloride	UG/L	20	21.5	108	(67-138)	3.7	20
Chlorobenzene	UG/L	20	19	95	(70-130)	3.6	20
Chloroethane	UG/L	20	18.5	92.5	(72-135)	2.1	20
Chloroform	UG/L	20	21	105	(80-115)	1.9	20
Chloromethane	UG/L	20	18.4	92	(63-124)	18.4	20
Chloroprene	UG/L	20	21.6	108	(80-120)	3.6	20
cis-1,3-Dichloropropene	UG/L	20	21.2	106	(63-129)	4.6	20
Dibromochloromethane	UG/L	20	19.7	98.5	(78-123)	4	20
Dibromomethane	UG/L	20	20.7	104	(75-119)	5	20
Dichlorodifluoromethane	UG/L	20	22.6	113	(62-133)	2.6	20
Ethyl methacrylate	UG/L	20	22.2	111	(72-122)	1.8	20
Ethylbenzene	UG/L	20	19.1	95.5	(70-130)	4.1	20
Isobutyl alcohol	UG/L	400	340	85	(4-173)	5.1	20
Methacrylonitrile	UG/L	200	220	110	(68-121)	6.6	20
Methyl iodide	UG/L	20	20.6	103	(56-133)	1.4	20
Methyl methacrylate	UG/L	20	21.9	110	(73-116)	3.7	20
Methylene chloride	UG/L	20	21.7	108	(75-111)	2.8	20
Propionitrile	UG/L	200	223	112	(77-118)	11.4	20
Styrene	UG/L	20	19.8	99	(70-130)	3	20
Tetrachloroethene	UG/L	20	18.5	92.5	(70-130)	8.3	20
Toluene	UG/L	20	22	110	(75-119)	1.8	20
trans-1,2-Dichloroethene	UG/L	20	20.7	104	(79-121)	3.3	20
trans-1,3-Dichloropropene	UG/L	20	21.8	109	(68-127)	0	20
Trichloroethene	UG/L	20	20.9	104	(76-123)	0.5	20
Trichlorofluoromethane	UG/L	20	20.4	102	(74-135)	5.7	21
Vinyl acetate	UG/L	20	23.6	118	(49-136)	2.1	20

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8260

LABORATORY CONTROL SAMPLE: 070909LCSA32 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Vinyl chloride	UG/L	20	19.7	98.5		(60-124)	6.9	20
Xylene (total)	UG/L	60	58	96.7		(70-130)	6.5	20
1,2-Dichloroethane-d4(SURR) (S	UG/L	50	53.2	106		(80-120)		
4-Bromofluorobenzene(SURR) (	UG/L	50	51.6	103		(86-115)		
Dibromofluoromethane(SURR) (	UG/L	50	55.2	110		(86-118)		
Toluene d8(SURR) (S)	UG/L	50	56.1	112	*	(88-110)		

- CERTIFICATE OF ANALYSIS -

ACCREDITED IN ACCORDANCE WITH nelac **FLDOH #E84207**

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8270

Method Blank 288182 **Matrix :** WQ

Associated Lab Samples : 251301801 288182 288183

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
0,0,0-Triethylphosphorothioate	U	7/9/2009	7/9/2009	UG/L	2.9	1
1,2,4,5-Tetrachlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.2	1
1,2,4-Trichlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.6	1
1,2-Dichlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.6	1
1,3,5-Trinitrobenzene	U	7/9/2009	7/9/2009	UG/L	2.8	1
1,3-Dichlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.7	1
1,3-Dinitrobenzene	U	7/9/2009	7/9/2009	UG/L	2.5	1
1,4-Dichlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.7	1
1,4-Naphthoquinone	U	7/9/2009	7/9/2009	UG/L	3.1	1
1-Naphthylamine	U	7/9/2009	7/9/2009	UG/L	1.8	1
2,2-Oxybis(1-chloropropane)	U	7/9/2009	7/9/2009	UG/L	3.3	1
2,3,4,6-Tetrachlorophenol	U	7/9/2009	7/9/2009	UG/L	3	1
2,4,5-Trichlorophenol	U	7/9/2009	7/9/2009	UG/L	3.4	1
2,4,6-Trichlorophenol	U	7/9/2009	7/9/2009	UG/L	3.6	1
2,4-Dichlorophenol	U	7/9/2009	7/9/2009	UG/L	3.1	1
2,4-Dimethylphenol	U	7/9/2009	7/9/2009	UG/L	2.3	1
2,4-Dinitrophenol	U	7/9/2009	7/9/2009	UG/L	5.6	1
2,4-Dinitrotoluene	U	7/9/2009	7/9/2009	UG/L	2.8	1
2,6-Dichlorophenol	U	7/9/2009	7/9/2009	UG/L	3.5	1
2,6-Dinitrotoluene	U	7/9/2009	7/9/2009	UG/L	2.8	1
2-Acetylaminofluorene	U	7/9/2009	7/9/2009	UG/L	2.5	1
2-Chloronaphthalene	U	7/9/2009	7/9/2009	UG/L	2.8	1
2-Chlorophenol	U	7/9/2009	7/9/2009	UG/L	2.9	1
2-Methyl-4,6-dinitrophenol	U	7/9/2009	7/9/2009	UG/L	3.3	1
2-Methylnaphthalene	U	7/9/2009	7/9/2009	UG/L	2.8	1
2-Methylphenol (o-Cresol)	U	7/9/2009	7/9/2009	UG/L	2.6	1
2-Naphthylamine	U	7/9/2009	7/9/2009	UG/L	2.5	1
2-Nitroaniline	U	7/9/2009	7/9/2009	UG/L	3	1
2-Nitrophenol	U	7/9/2009	7/9/2009	UG/L	3.4	1
2-Picoline	U	7/9/2009	7/9/2009	UG/L	1.9	1
3,3'-Dichlorobenzidine	U	7/9/2009	7/9/2009	UG/L	2.7	1
3,3'-Dimethylbenzidine	U	7/9/2009	7/9/2009	UG/L	6	1
3-Methylcholanthrene	J3MU	7/9/2009	7/9/2009	UG/L	2.2	1
3-Nitroaniline	U	7/9/2009	7/9/2009	UG/L	2.8	1
4-Aminobiphenyl	U	7/9/2009	7/9/2009	UG/L	2.2	1
4-Bromophenyl-phenylether	U	7/9/2009	7/9/2009	UG/L	2.3	1
4-Chloro-3-methylphenol	U	7/9/2009	7/9/2009	UG/L	2.7	1
4-Chloroaniline	U	7/9/2009	7/9/2009	UG/L	3	1
4-Chlorophenyl-phenylether	U	7/9/2009	7/9/2009	UG/L	2.5	1
4-Methylphenol	U	7/9/2009	7/9/2009	UG/L	6.1	1
4-Nitroaniline	U	7/9/2009	7/9/2009	UG/L	2.8	1
4-Nitrophenol	U	7/9/2009	7/9/2009	UG/L	2.9	1

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8270

Method Blank 288182 **Matrix :** WQ

Associated Lab Samples : 251301801 288182 288183

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
4-Nitroquinoline-1-oxide	U	7/9/2009	7/9/2009	UG/L	3.7	1
5-Nitro-o-toluidine	U	7/9/2009	7/9/2009	UG/L	2.6	1
7,12-Dimethylbenz(a)anthracene	U	7/9/2009	7/9/2009	UG/L	2.5	1
a,a-Dimethylphenethylamine	J3U	7/9/2009	7/9/2009	UG/L	16	1
Acenaphthene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Acenaphthylene	U	7/9/2009	7/9/2009	UG/L	3	1
Acetophenone	U	7/9/2009	7/9/2009	UG/L	4	1
Aniline	U	7/9/2009	7/9/2009	UG/L	2.8	1
Anthracene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Aramite	U	7/9/2009	7/9/2009	UG/L	2.5	1
Benzo(a)anthracene	U	7/9/2009	7/9/2009	UG/L	2.6	1
Benzo(a)pyrene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Benzo(b)fluoranthene	U	7/9/2009	7/9/2009	UG/L	2.6	1
Benzo(g,h,i)perylene	U	7/9/2009	7/9/2009	UG/L	2.6	1
Benzo(k)fluoranthene	U	7/9/2009	7/9/2009	UG/L	2.9	1
Benzyl alcohol	U	7/9/2009	7/9/2009	UG/L	3.1	1
Bis(2-Chloroethoxy)methane	U	7/9/2009	7/9/2009	UG/L	3.5	1
Bis(2-Chloroethyl)ether	U	7/9/2009	7/9/2009	UG/L	3	1
bis(2-ethylhexyl)phthalate	U	7/9/2009	7/9/2009	UG/L	4.4	1
Butylbenzylphthalate	J3U	7/9/2009	7/9/2009	UG/L	3	1
Chlorobenzilate	U	7/9/2009	7/9/2009	UG/L	2.5	1
Chrysene	U	7/9/2009	7/9/2009	UG/L	2.9	1
Diallate (Avadex)	U	7/9/2009	7/9/2009	UG/L	2.6	1
Dibenz(a,h)anthracene	U	7/9/2009	7/9/2009	UG/L	2.7	1
Dibenzofuran	U	7/9/2009	7/9/2009	UG/L	2.7	1
Diethylphthalate	U	7/9/2009	7/9/2009	UG/L	2.8	1
Dimethyl-phthalate	U	7/9/2009	7/9/2009	UG/L	3	1
Di-n-butylphthalate	U	7/9/2009	7/9/2009	UG/L	2.9	1
Di-n-octylphthalate	U	7/9/2009	7/9/2009	UG/L	2.8	1
Ethyl methanesulfonate	U	7/9/2009	7/9/2009	UG/L	2.5	1
Fluoranthene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Fluorene	U	7/9/2009	7/9/2009	UG/L	2.9	1
Hexachlorobenzene	U	7/9/2009	7/9/2009	UG/L	0.41	1
Hexachlorobutadiene	U	7/9/2009	7/9/2009	UG/L	2.5	1
Hexachlorocyclopentadiene	U	7/9/2009	7/9/2009	UG/L	2.2	1
Hexachloroethane	U	7/9/2009	7/9/2009	UG/L	2.6	1
Hexachloropropene	U	7/9/2009	7/9/2009	UG/L	2	1
Indeno(1,2,3-cd)pyrene	U	7/9/2009	7/9/2009	UG/L	2.6	1
Isodrin	U	7/9/2009	7/9/2009	UG/L	2.6	1
Isophorone	U	7/9/2009	7/9/2009	UG/L	3.8	1
Isosafrole	U	7/9/2009	7/9/2009	UG/L	2.6	1
Kepone	U	7/9/2009	7/9/2009	UG/L	16	1

- CERTIFICATE OF ANALYSIS -

ACCREDITED IN ACCORDANCE WITH nelac **FLDOH #E84207**

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 8270

Method Blank 288182 **Matrix :** WQ

Associated Lab Samples : 251301801 288182 288183

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
Methapyriline	J3U	7/9/2009	7/9/2009	UG/L	3.7	1
Methylmethanesulfonate	U	7/9/2009	7/9/2009	UG/L	1.9	1
Naphthalene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Nitrobenzene	U	7/9/2009	7/9/2009	UG/L	2.8	1
N-Nitrosodibutylamine	U	7/9/2009	7/9/2009	UG/L	2.7	1
N-Nitrosodiethylamine	U	7/9/2009	7/9/2009	UG/L	3.1	1
N-Nitrosodimethylamine	J3U	7/9/2009	7/9/2009	UG/L	2.2	1
N-Nitroso-di-n-propylamine	U	7/9/2009	7/9/2009	UG/L	3	1
N-Nitrosodiphenylamine	J3MU	7/9/2009	7/9/2009	UG/L	3.4	1
N-Nitrosomethylethylamine	U	7/9/2009	7/9/2009	UG/L	2.7	1
N-Nitrosomorpholine	U	7/9/2009	7/9/2009	UG/L	3	1
N-Nitrosopiperidine	U	7/9/2009	7/9/2009	UG/L	2.8	1
N-Nitrosopyrrolidine	U	7/9/2009	7/9/2009	UG/L	2.7	1
o-Toluidine	U	7/9/2009	7/9/2009	UG/L	2.7	1
p-Dimethylaminoazobenzene	U	7/9/2009	7/9/2009	UG/L	2.5	1
Pentachlorobenzene	U	7/9/2009	7/9/2009	UG/L	2.2	1
Pentachloroethane	U	7/9/2009	7/9/2009	UG/L	2.5	1
Pentachloronitrobenzene(PCNB)	U	7/9/2009	7/9/2009	UG/L	2.4	1
Pentachlorophenol	U	7/9/2009	7/9/2009	UG/L	2.6	1
Phenacetin	U	7/9/2009	7/9/2009	UG/L	2.7	1
Phenanthrene	U	7/9/2009	7/9/2009	UG/L	2.8	1
Phenol	U	7/9/2009	7/9/2009	UG/L	1.7	1
p-Phenylenediamine	U	7/9/2009	7/9/2009	UG/L	2.7	1
Pronamide	U	7/9/2009	7/9/2009	UG/L	1.8	1
Pyrene	U	7/9/2009	7/9/2009	UG/L	2.9	1
Pyridine	U	7/9/2009	7/9/2009	UG/L	2.1	1
Safrole	U	7/9/2009	7/9/2009	UG/L	2.5	1
2,4,6-Tribromophenol(SURR) (S)	92	7/9/2009	7/9/2009	%	(10 - 122)	1
2-Fluorobiphenyl(SURR) (S)	79.8	7/9/2009	7/9/2009	%	(43 - 116)	1
2-Fluorophenol(SURR) (S)	64.5	7/9/2009	7/9/2009	%	(21 - 120)	1
Nitrobenzene-d5(SURR) (S)	92.7	7/9/2009	7/9/2009	%	(35 - 114)	1
Phenol-d5(SURR) (S)	43.8	7/9/2009	7/9/2009	%	(10 - 94)	1
p-Terphenyl-d14(SURR) (S)	74.3	7/9/2009	7/9/2009	%	(33 - 141)	1

LABORATORY CONTROL SAMPLE: 288183 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
0,0,0-Triethylphosphorothioate	UG/L	40	34.8	87	(52-120)		
1,2,4,5-Tetrachlorobenzene	UG/L	40	35	87.5	(58-107)		
1,2,4-Trichlorobenzene	UG/L	40	30.8	77	(45-105)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288183 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
1,2-Dichlorobenzene	UG/L	40	27.6	69		(40-100)		
1,3,5-Trinitrobenzene	UG/L	40	26.3	65.8		(18-169)		
1,3-Dichlorobenzene	UG/L	40	26.9	67.2		(36-100)		
1,3-Dinitrobenzene	UG/L	40	35.8	89.5		(45-135)		
1,4-Dichlorobenzene	UG/L	40	27.1	67.8		(38-100)		
1,4-Naphthoquinone	UG/L	40	23.3	58.2		(12-168)		
1-Naphthylamine	UG/L	40	40.3	101		(40-107)		
2,2-Oxybis(1-chloropropane)	UG/L	40	42.4	106		(59-119)		
2,3,4,6-Tetrachlorophenol	UG/L	40	37.5	93.8		(63-159)		
2,4,5-Trichlorophenol	UG/L	40	39.7	99.2		(50-110)		
2,4,6-Trichlorophenol	UG/L	40	39.5	98.8		(53-115)		
2,4-Dichlorophenol	UG/L	40	37.8	94.5		(54-105)		
2,4-Dimethylphenol	UG/L	40	40.9	102		(47-110)		
2,4-Dinitrophenol	UG/L	80	53.6	67		(56-140)		
2,4-Dinitrotoluene	UG/L	40	35	87.5		(69-120)		
2,6-Dichlorophenol	UG/L	40	49	122		(51-128)		
2,6-Dinitrotoluene	UG/L	40	38	95		(69-115)		
2-Acetylaminofluorene	UG/L	40	34.1	85.2		(50-105)		
2-Chloronaphthalene	UG/L	40	36.3	90.8		(35-105)		
2-Chlorophenol	UG/L	40	36.5	91.2		(51-105)		
2-Methyl-4,6-dinitrophenol	UG/L	40	35.1	87.8		(44-130)		
2-Methylnaphthalene	UG/L	40	32.9	82.2		(57-105)		
2-Methylphenol (o-Cresol)	UG/L	40	35.5	88.8		(47-110)		
2-Naphthylamine	UG/L	40	33	82.5		(49-99)		
2-Nitroaniline	UG/L	40	39.7	99.2		(66-115)		
2-Nitrophenol	UG/L	40	40.2	100		(48-115)		
2-Picoline	UG/L	40	17.2	43		(26-84)		
3,3'-Dichlorobenzidine	UG/L	40	41.1	103		(55-110)		
3,3'-Dimethylbenzidine	UG/L	40	17.9	44.8		(16-94)		
3-Methylcholanthrene	UG/L	40	72.7	182	*	(54-123)		
3-Nitroaniline	UG/L	40	35.2	88		(61-125)		
4-Aminobiphenyl	UG/L	40	27.8	69.5		(54-122)		
4-Bromophenyl-phenylether	UG/L	40	44.5	111		(54-113)		
4-Chloro-3-methylphenol	UG/L	40	38.9	97.2		(55-110)		
4-Chloroaniline	UG/L	40	34.9	87.2		(52-110)		
4-Chlorophenyl-phenylether	UG/L	40	38.6	96.5		(60-110)		
4-Methylphenol	UG/L	40	31.3	78.2		(37-110)		
4-Nitroaniline	UG/L	40	38.4	96		(67-120)		
4-Nitrophenol	UG/L	40	17.4	43.5		(27-80)		
4-Nitroquinoline-1-oxide	UG/L	40	28.4	71		(26-115)		
5-Nitro-o-toluidine	UG/L	40	31	77.5		(48-126)		
7,12-Dimethylbenz(a)anthracene	UG/L	40	36.8	92		(44-135)		
a,a-Dimethylphenethylamine	UG/L	40	ND	0	*	(10-100)		
Acenaphthene	UG/L	40	33.5	83.8		(60-110)		
Acenaphthylene	UG/L	40	35.2	88		(58-105)		
Acetophenone	UG/L	80	31.4	39.2		(20-127)		
Aniline	UG/L	40	31	77.5		(45-155)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288183 Matrix : WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC		% REC LIMITS	RPD	RPD LIMIT
Anthracene	UG/L	40	36.7	91.8		(63-110)		
Aramite	UG/L	40	31.4	78.5		(44-145)		
Benzo(a)anthracene	UG/L	40	35.7	89.2		(63-110)		
Benzo(a)pyrene	UG/L	40	36.5	91.2		(60-110)		
Benzo(b)fluoranthene	UG/L	40	37.6	94		(60-120)		
Benzo(g,h,i)perylene	UG/L	40	38.5	96.2		(40-125)		
Benzo(k)fluoranthene	UG/L	40	33.1	82.8		(54-125)		
Benzyl alcohol	UG/L	40	31.9	79.8		(60-110)		
Bis(2-Chloroethoxy)methane	UG/L	40	41.9	105		(61-105)		
Bis(2-Chloroethyl)ether	UG/L	40	40.2	100		(62-110)		
bis(2-ethylhexyl)phthalate	UG/L	40	43.7	109		(63-125)		
Butylbenzylphthalate	UG/L	40	46.2	116	*	(64-115)		
Chlorobenzilate	UG/L	40	36.6	91.5		(55-136)		
Chrysene	UG/L	40	35.3	88.2		(60-110)		
Diallate (Avadex)	UG/L	40	24.7	61.8		(47-119)		
Dibenz(a,h)anthracene	UG/L	40	38.7	96.8		(41-125)		
Dibenzofuran	UG/L	40	33.5	83.8		(64-105)		
Diethylphthalate	UG/L	40	39.1	97.8		(64-120)		
Dimethyl-phthalate	UG/L	40	39.2	98		(62-125)		
Di-n-butylphthalate	UG/L	40	44.4	111		(65-115)		
Di-n-octylphthalate	UG/L	40	44.2	110		(57-135)		
Ethyl methanesulfonate	UG/L	40	39.2	98		(46-128)		
Fluoranthene	UG/L	40	35.7	89.2		(64-115)		
Fluorene	UG/L	40	32.7	81.8		(62-110)		
Hexachlorobenzene	UG/L	40	38	95		(68-110)		
Hexachlorobutadiene	UG/L	40	30.7	76.8		(42-105)		
Hexachlorocyclopentadiene	UG/L	40	31	77.5		(27-139)		
Hexachloroethane	UG/L	40	25.5	63.8		(32-95)		
Hexachloropropene	UG/L	40	31.8	79.5		(10-120)		
Indeno(1,2,3-cd)pyrene	UG/L	40	37.9	94.8		(45-125)		
Isodrin	UG/L	40	40.8	102		(59-114)		
Isophorone	UG/L	40	42.4	106		(68-110)		
Isosafrole	UG/L	40	37.3	93.2		(49-123)		
Kepone	UG/L	40	26.4	66		(17-136)		
Methapyriline	UG/L	40	22.8	57	*	(10-55)		
Methylmethanesulfonate	UG/L	40	29.8	74.5		(11-112)		
Naphthalene	UG/L	40	32.5	81.2		(50-100)		
Nitrobenzene	UG/L	40	38.9	97.2		(61-110)		
N-Nitrosodibutylamine	UG/L	40	37.1	92.8		(43-129)		
N-Nitrosodiethylamine	UG/L	40	36.4	91		(44-125)		
N-Nitrosodimethylamine	UG/L	40	35.7	89.2	*	(36-89)		
N-Nitroso-di-n-propylamine	UG/L	40	42.5	106		(57-120)		
N-Nitrosodiphenylamine	UG/L	40	46.9	117	*	(71-110)		
N-Nitrosomethylethylamine	UG/L	40	34.6	86.5		(46-120)		
N-Nitrosomorpholine	UG/L	40	38.8	97		(61-116)		
N-Nitrosopiperidine	UG/L	40	35.5	88.8		(45-125)		
N-Nitrosopyrrolidine	UG/L	40	33.6	84		(45-113)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 8270

LABORATORY CONTROL SAMPLE: 288183 **Matrix :** WQ

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
o-Toluidine	UG/L	40	33.6	84	(49-125)		
p-Dimethylaminoazobenzene	UG/L	40	35.2	88	(47-125)		
Pentachlorobenzene	UG/L	40	35	87.5	(54-117)		
Pentachloroethane	UG/L	40	30.7	76.8	(30-115)		
Pentachloronitrobenzene(PCNB)	UG/L	40	35.6	89	(55-138)		
Pentachlorophenol	UG/L	40	33.7	84.2	(41-115)		
Phenacetin	UG/L	40	35.6	89	(48-130)		
Phenanthrene	UG/L	40	35.2	88	(61-115)		
Phenol	UG/L	40	19.8	49.5	(30-74)		
p-Phenylenediamine	UG/L	40	36	90	(43-122)		
Pronamide	UG/L	40	33.1	82.8	(52-123)		
Pyrene	UG/L	40	37.5	93.8	(62-130)		
Pyridine	UG/L	40	16.1	40.2	(18-80)		
Safrole	UG/L	40	44.5	111	(40-133)		
2,4,6-Tribromophenol(SURR) (S)	UG/L	200	198	99	(10-122)		
2-Fluorobiphenyl(SURR) (S)	UG/L	100	80.1	80.1	(43-116)		
2-Fluorophenol(SURR) (S)	UG/L	200	134	67	(21-120)		
Nitrobenzene-d5(SURR) (S)	UG/L	100	96.7	96.7	(35-114)		
Phenol-d5(SURR) (S)	UG/L	200	90.2	45.1	(10-94)		
p-Terphenyl-d14(SURR) (S)	UG/L	100	76.3	76.3	(33-141)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: 9012

Method Blank 9070778-BLK1 **Matrix :** W

Associated Lab Samples : 251301801 9070778-BLK1 9070778-BS1 9070778-BS2 9070778-MS1 9070778-MSD1 9070778-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
cyanide	ND	7/13/2009	7/13/2009	MG/L	0.01	1

LABORATORY CONTROL SAMPLE: 9070778-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.3	0.278	93	(90-110)		

LABORATORY CONTROL SAMPLE: 9070778-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.8	0.806	101	(90-110)		

LABORATORY CONTROL SAMPLE: 9070778-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
cyanide	MG/L	0.434	0.337	78	(56.68-144.		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 310.1

Method Blank 9070694-BLK1 **Matrix :** W

Associated Lab Samples : 251301801 9070694-BLK1 9070694-BLK2 9070694-BLK3 9070694-BS1 9070694-BS2 9070694-BS3 9070694-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/10/2009		MG/L	2	1

Method Blank 9070694-BLK2 **Matrix :** W

Associated Lab Samples : 251301801 9070694-BLK1 9070694-BLK2 9070694-BLK3 9070694-BS1 9070694-BS2 9070694-BS3 9070694-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/10/2009		MG/L	2	1

Method Blank 9070694-BLK3 **Matrix :** W

Associated Lab Samples : 251301801 9070694-BLK1 9070694-BLK2 9070694-BLK3 9070694-BS1 9070694-BS2 9070694-BS3 9070694-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
alkalinity, total (as caco3)	ND	7/10/2009		MG/L	2	1

LABORATORY CONTROL SAMPLE: 9070694-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	51.9	104	(90-110)		

LABORATORY CONTROL SAMPLE: 9070694-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	50.6	101	(90-110)		

LABORATORY CONTROL SAMPLE: 9070694-BS3 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	50	50.5	101	(90-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 310.1

LABORATORY CONTROL SAMPLE: 9070694-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
alkalinity, total (as caco3)	MG/L	43.6	45.8	105	(90-110)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647

METHOD: 160.1

Method Blank 9070544-BLK1 **Matrix :** W

Associated Lab Samples : 251301801 9070544-BLK1 9070544-BLK2 9070544-SRM1 9070544-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/9/2009		MG/L	5	1

Method Blank 9070544-BLK2 **Matrix :** W

Associated Lab Samples : 251301801 9070544-BLK1 9070544-BLK2 9070544-SRM1 9070544-SRM2

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
total dissolved solids (residue, fil	ND	7/9/2009		MG/L	5	1

LABORATORY CONTROL SAMPLE: 9070544-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	488	484	99	(85-115)		

LABORATORY CONTROL SAMPLE: 9070544-SRM2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
total dissolved solids (residue, fil	MG/L	488	478	98	(85-115)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018
PROJECT ID: Sarasota CCSWDC 09-8647
METHOD: SM4500-NH3-B,

Method Blank 9070899-BLK1 **Matrix :** W

Associated Lab Samples : 251301801 9070899-BLK1 9070899-BLK2 9070899-BS1 9070899-BS2 9070899-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/14/2009		MG/L	0.1	1

Method Blank 9070899-BLK2 **Matrix :** W

Associated Lab Samples : 251301801 9070899-BLK1 9070899-BLK2 9070899-BS1 9070899-BS2 9070899-SRM1

Parameter	Results	Analysis Date	Prep Date	Units	RL	Dilution Factor
nitrogen, ammonia (as n)	ND	7/14/2009		MG/L	0.1	1

LABORATORY CONTROL SAMPLE: 9070899-BS1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.69	94	(90-110)		

LABORATORY CONTROL SAMPLE: 9070899-BS2 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	5	4.83	97	(90-110)		

LABORATORY CONTROL SAMPLE: 9070899-SRM1 **Matrix :** W

PARAMETER	UNITS	SPIKE CONC	LCS RESULT	SPIKE % REC	% REC LIMITS	RPD	RPD LIMIT
nitrogen, ammonia (as n)	MG/L	7.15	6.58	92	(74-124)		

- CERTIFICATE OF ANALYSIS -

FLDOH #E84207

To: Jerry Kuehn
Ardaman & Associates

WORK ORDER: 2513018

PROJECT ID: Sarasota CCSWDC 09-8647

Brian C. Spann

Digitally signed by Brian C. Spann
DN: cn=Brian C. Spann, o=Spectrum, ou=PEL, email=bspann@pelab.com, c=US
Date: 2009.07.17 14:40:25 -04'00'

Brian C. Spann Laboratory Manager

or

Mark Gudnason Quality Assurance Officer

2513018 9K

PEL
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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ardaman & Assoc. Inc.
78 Sarasota Center Blvd.
Sarasota, FL 34240
(941) 922-3526

Project Mgr.: Jerry Keuhn

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 09-8647
Site Name: Sarasota CCSWDC
Location: 4000 Knights Trl. Rd. Venice, Sarasota Co. State: FL
Sampler(s): Michael Eggleston

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Ice Only 10=_____ 11=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Water X2=_____ X3=_____

G=Grab C=Composite

List preservative code below: 9 4 9 3 5 9 9 2

Notes:

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8141/8151 8270/8081	6010*/7470	SM2320	SM2540/SM4500	9012	300.1**	8011	8260
	MW-17	07.07.09	13:28		GW	6	4		6	X	X	X	X	X	X	X	X
	TEMP. BLANK	—	—	—	X1	1											
	TRIP BLANK	—	—	—	X1	1											
	MW-19	07.07.09	15:55		GW				1						X		
	MW-20	07.07.09	15:07		GW				1						X		
												1					

* Title 40 CFR 258 App. II metals plus Ca, Fe, Mg, K, Na. -01 -02 -03
** Analyze MW-17 for Chlorides, Nitrate & Sulfate. Analyze MW-19 & MW-20 for Nitrate only. -04

☐ E-mail to _____

EDD Format pH<2 8260/6010/ammonia/TDS; no double ambers rec'd; Aganam OL=TDS/ammonia pH>12 cyanide cyanide/TAL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2.0
NaOH added to cyanide container until within its limit

Relinquished by:	Received by:	Date:	Time:
7/16/09			
AAI 7.7.09 17:50			
7/18/09 11:58am	7/18/09	7/18/09	10:38am
		7/18/09	11:58

8405 Benjamin Road • Tampa, Florida 33634 • 813-888-9507 • FAX 813-889-7128 • www.pelab.com

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2513018	**Req:**	88517
Client:	Ardaman	**Project:**	Sarasota CCSWDC
Level:	3	**Date Rec'd:**	7/8/2009 11:58:00 AM
Rec'd via:	courier	**Due Date:**	07/15/09

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	2.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	Yes	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	courier	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	No	**Specific tests noted on COC**	

PEER REVIEW KDC

APPENDIX IV

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

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY - DETECTS

Project Name: CCSWDC Phase 2 - (Sarasota CCSWDC)

DETECTED PARAMETERS	LAB METHOD	UNITS	MW-15	Trip Blank-2	MW-16	Trip Blank-3	MW-17	Trip Blank	MW-18	Trip Blank-1	MW-19	Trip Blank-2	MW-20	Trip Blank-1	GCTLs
			07/02/09	07/02/09	07/02/09	07/02/09	07/07/09	07/07/09	07/01/09	07/01/09	06/30/09	6/30/09	06/30/09	06/30/09	
TDS	160.1	mg/L	**3,000**		**1,970**		**192**		**292**		**756**		**1030**		500
Chloride	300.1	mg/L	**122**		**308**		**75.7**		**3.1**		**67.8**		**87.9**		250
Sulfate	300.1	mg/L	**1,010**		**9.2**		**4.7**		**1.3**		10.1 I		**3.3**		250
Alkalinity, total (as $CaCO_3$)	310.1	mg/L	**966**		**1,370**		**640**		**259**		**143**		**779**		NR
Aluminum	6010	ug/L	**139**		**146**		**568**		**112**		**6,390**		**101**		200
Arsenic	6010	ug/L	**28.7**		**32.4**		**42.7**		7.85 I		**54.1**		**23.7**		10
Barium	6010	ug/L	**182**		**165**		**91.1**		**28.1**		**43**		**71.8**		2,000
Calcium	6010	ug/L	**569,000 V**		**289,000 V**		**164,000 V**		**78,700 V**		**31,100 V**		**149,000 V**		NR
Chromium	6010	ug/L	2.95 I		3.21 I		4.71 I		1.75 I		**11.4**		1.98 I		100
Iron	6010	ug/L	**33,600**		**73,600**		**136,000**		**20,700**		**46,100**		**20,700**		300
Magnesium	6010	ug/L	**103,000**		**105,000**		**22,400**		**11,100**		**8,960**		**84,400**		NR
Manganese	6010	ug/L	**669**		**80.2**		**22.5**		**15.8**		**12**		**35.4**		50
Potassium	6010	ug/L	**14,300**		**5,430**		**3,670**		**750**		**3,460**		293 I		NR
Sodium	6010	ug/L	**58,000**		**260,000**		**52,800**		**3,120**		**42,900**		**39,500**		160,000
Vanadium	6010	ug/L	7.75 I		5.53 I		3.86 I		1.53 I		**31.8**		1.28 I		49
Acetone	8260	ug/L	5.6 U	5.6 U	**12.1**	5.8 I	6.2 I	5.6 U	5.6 U	5.6 U	5.6 J3U	7.5 J3 I	5.6 J3U	5.9 J3 I	6,300
Methylene chloride	8260	ug/L	0.52 U	**7.6**	0.52 U	**7.4**	0.52 U	0.52 U	0.52 U	**6.9**	0.52 J3MU	**7.3 J3M**	0.52 J3MU	**7.4 J3M**	5
Bis(2-ethylhexyl)phthalate	8270	ug/L	**11.9**		**9.6**		5.1 U		**11.3**		**6.8**		**7**		6
Nitrogen, ammonia (as N)	SM4500	mg/L	**3.36**		12.2		**15**		**1.61**		**21**		**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 excee
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.